रजिस्ट्री सं. डीएल(एन)-04/0007/2003—05 REGISTERED No. DL(N)-04/0007/2003—05

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PUBLISHED BY AUTHORITY

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No. 49] NEW DELHI, SATURDAY, DECEMBER 6—DECEMBER 12, 2003 (AGRAHAYANA 15, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]
[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Kolkata, the 6th December 2003

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3. Patent Office Branch,
Guna Complex, 6th Floor, Annex-II,
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Chennai-600 018.

The States of Andhra Pradesh,
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Telegraphic Address "PATENTOFFIC"
Phone Nos. (044) 2431 4324/4325/4326.
Fax Nos. (044) 2431 4750/4751.
E-mail: patentchennai @ vsnl. net

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata–700020.

Rest of India.

Telegraphic Address "PATENTS"
Phone Nos. (033) 2247 4401/4402/4403.
Fax Nos. (033) 2247 3851, 2240 1353.
E-mail: patentin @ vsnl. com
patindia @ giascl01.vsnl.net.in
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Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 6 दिसम्बर 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर परेल (वेस्ट),
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा
गोआ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता : "पेटोफिस"
फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852
फैक्स : (022) 2495 0622, 2490 3852
ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,
डब्ल्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"
फोन : (011) 2587 1255, 2587 1256, 2587 1257,
2587 1258.
फैक्स : (011) 2587 1256.
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3. पेटेंट कार्यालय शाखा,
गुना कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।
तार पता - "पेटेंटोफिक"
फोन : (044) 2431 4324/4325/4326.
फैक्स : (044) 2431 4750/4751.
ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6ठा व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"
फोन : (033) 2247 4401/4402/4403.
फैक्स : (033) 2247 3851, 2240 1353.
ई.-मेल : patentin@vsnl.com
patindia@giascl01.vsnl.net.in
वेब साइट : http:/Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

Special Notice

All the patent applications filed upto 30th April, 2002 other than those -

a. for which secrecy directions have been imposed and continued under Section 35;

b. applications along with provisional specifications deemed to have been abandoned under section9(1) before 20th May, 2003;

c. applications deemed to have been abandoned under Section 21(1) before 20th May, 2003;

d. applications which have been refused under Section 15 before 20th May, 2003; and

e. applications which have been withdrawn before 18 months from the date of filing or the date of priority as the case may be,

shall be deemed to have been published under Section 11A of the Patents Act, 1970 as amended.

The particulars of the applications together with provisional and/or complete specifications and abstracts may be inspected in the appropriate office.

ALTERATION OF DATE UNDER SECTION-16

191479 (198/CAL/2001) ANTE-DATED TO 01ST MAY, 1996.

191489 (422/DEL/1995) ANTE-DATED TO 29TH JUNE, 1990.

191520 (291/DEL/2000) ANTE-DATED TO 21ST OCTOBER, 1992.

191545 (394/MAS/1999) ANTE-DATED TO 31ST MARCH, 1994.

191599 (928/CAL/1999) ANTE-DATED TO 28TH OCTOBER, 1994.

191628 (474/DEL/2000) ANTE-DATED TO 08TH AUGUST, 1997.

अभिगृहित पूर्ण विनिर्देश

एतद्द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथासंशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

191431

Ind.Cl : 32 (C)

Int.Cl[4] : C 08 F 290/04 ; C 09 D 151/00 ; C 08 G 81/02

Title : A PROCESS FOR PREPARING A GRAFTED COPOLYMER

Applicant : LES PEINTURES JEFCO OF 607, RUE SAINT-PIERRE, 13012, MASEILLE, FRANCE.

Inventor : 1. PIERRE LEGRAND.
2. GERARD RIESS.
3. JEAN-PHILIPPE LERCH.
4. DANIEL LEFEVRE.

Application no. 165/CAL/97 FILED ON 28.01.1997

(Convention no. 96/01368 FILED ON 30.01.1996 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

A process for preparing grafted copolymer comprising at least three sequences of distinct chemical nature, among which one or more sequence(s) for anchoring on the solid particles, one or more sequence(s) of hydrophobic character and one or more sequence(s) of hydro-philic character, constituted by:

a) 1 to 80% by mass, preferably 5 to 40% by mass, of one or more sequence(s) for anchoring on the solid particles, constituted by a straight or branched hydrocarbon chain, cycloalkyl or aromatic, comprising basic nitrogenous groups of type: heterocyclic, $-NH_2$, -NH-, -NHR, or NR_2, $-CONH_2$, -CONHR, $-CONR_2$ (where R is an alkyl radical (C_1-C_6) optionally substituted by one or more groups -OH, -COO-, -CO-, -O-, $-SO_3H$) which may comprise groups -COO-, and whose molar mass is included between 150 and 10000, preferably between 300 and 3000, the content by mass of basic nitrogenous monomers in the anchoring chain being 5% minimum and preferably 30%, and

b) 10 to 90% by mass, preferably 25 to 80% by mass, of one or more sequence(s) of hydrophobic character, constituted by a streight or branched hydrocarbon chain, cycloalkyl or aromatic, which may comprise groups -COO-, -S-, -F, $-Si(OR')_n(R'')_{2-n}$ (wherein R' and R'' represent similar or different alkyl or aryl radicals (C_1-C_{10}), and n = 0 to 2), formed by monomer units of which the parameter of solubility is less than or equal to 21.5 $J^{1/2}/cm^{3/2}$ preferably less than 19 $J^{1/2}/cm^{3/2}$ and of which the molar mass is included between 250 and 10000, preferably between 500 and 3500, and

c) 10 to 90% by mass, preferably 15 to 70% by mass, of one or more sequence(s) of hydrophilic character, constituted by a straight or branched hydrocarbon chain comprising groups -O-, -OH, -NCO-, -COO-, -COOH, $-CONH_2$, -CONHR'' ' (where R'' ' is an alkyl radical (C_1-C_3)), -NH-, -S-, $-SO_3H$, formed by monomer units of which the parameter of solubility is greater than 22 $J^{1/2}/cm^{3/2}$, preferably greater than 22.5 $J^{1/2}/cm^{3/2}$

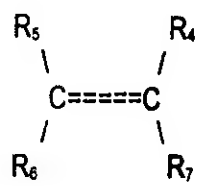
and whose molar mass is included between 250 and 10000, preferably between 300 and 3000,

and in which polymer the principal chain is an anchoring sequence as defined in a) herein, said process comprising the steps of :

A) the radical copolymerization of :

i) 0 to 80% by mass, preferably 0 to 40% by mass, of one or more monomers comprising at least one basic nitrogenous group of type heterocyclic, $-NH_2$, -NHR, NR_2, $-CONH_2$, CONHR, $-CONR_2$ (where R is an alkyl radical (C_1-C_6) optionally substituted by one or more groups -COO-, -CO-, -O-, -OH, $-SO_3H$) and

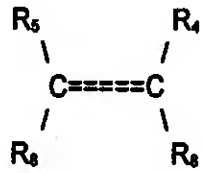
ii) 0 to 90% by mass, preferably 0 to 80% by mass, of one or more macromonomers, represented by the formula:



where R_4, R_5, R_6, identical or different, represent an atom of hydrogen or an alkyl radical (C_1-C_4),

R_7 is a sequence of hydrophobic character, constituted by a straight or branched hydrocarbon chain, cycloalkyl or aromatic, which may comprise groups -COO-, -S-, -F, $-Si(OR')_n(R'')_{2-n}$ (where R' and R" represent similar or different alkyl or aryl radicals (C_1-C_{10}), and n = 0 to 2), formed by monomer units of which the parameter of solubility is less than or equal to 21.5 $J^{1/2}/cm^{3/2}$ preferably less than 19 $J^{1/2}/cm^{3/2}$ and whose molar mass is between 250 and 10000, preferably between 500 and 3500, and

iii) 0 to 90% by mass, preferably 0 to 70% by mass, of one or more macromonomer(s) represented by the formula:



where R_4, R_5, R_6 are as defined hereinabove, and

R_6 is a sequence of hydrophilic character, constituted by a straight or branched hydrocarbon chain, comprising groups -O-, -OH, -NCO-, -COO-, -COOH, $-CONH_2$, -CONHR''' (where R''' is an alkyl radical (C_1-C_3)), -NH-, -S-, $-SO_3H$, formed by monomer units whose parameter of solubility is greater than 22 $J^{1/2}/cm^{3/2}$ preferably greater than 22.5 $J^{1/2}/cm^{3/2}$ and whose molar mass is included between 250 and 10000, preferably between 300 and 3000.

iv) 0 to 80% by mass, preferably 0 to 40%, of one or more monomers containing at least one group such as herein described capable of being engaged in a coupling reaction, and

v) 0 to 76% by mass, preferably 0 to 28%, of one or more unsaturated ethylene monomer(s) such as herein described, able to contain up to 25 atoms of carbon, apart from the monomers already cited in i),

with a proviso that if one of the contents by mass of the compounds defined in i), ii) and/or iii) is zero, the content by mass of the compounds defined in iv) is different from 0,

and

B) grafting on this preformed chain of:

vi) 0 to 80% by mass, preferably 0 to 40%, of one or more molecules deriving from a compound comprising at least one basic nitrogenous group: heterocyclic, $-NH_2$, -NHR or

NR_2 (where R is an alkyl radical C_1-C_6) and containing at least one group capable of being engaged in a coupling reaction, and

vii) 0 to 90% by mass, preferably 0 to 80% by mass, of one or more telomer(s) represented by the formula:

$$G\text{-}R_7$$

where G represents a group containing an atom of reactive hydrogen, -OH, -COOH, -SH, $-NH_2$, -NHR" ' (where R" ' is an alkyl radical (C_1-C_3), and R_7 is as defined hereinabove, and

viii) 0 to 90% by mass, preferably 0 to 70%, of one or more telomer(s) represented by the formula

$$G\text{-}R_8$$

where G and R_8 are as defined hereinabove,

with provisos that:

- the contents by mass of the compounds defined in i) and in vi) cannot be simultaneously equal to 0, and when one of them is equal to 0, then the other is equal to at least 1%,
- the contents by mass of the compounds defined in ii) and in vii) cannot be simultaneously equal to 0, and when one of them is equal to 0, then the other is equal to at least 10%,
- the contents by mass of the compounds defined in iii) and in viii) cannot be simultaneously equal to 0, and when one of them is equal to 0, then the other is equal to at least 10%.

Complete Specification : 58 pages. *Drawing : nil*

191432

Ind.Cl : 206 K

Int.Cl[4] : H 04 B – 7/10 H 04 L – 1/02

Title : A RECEIVING DEVICE FOR PARAMETERIZING.

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : FRANZ SCHREIB

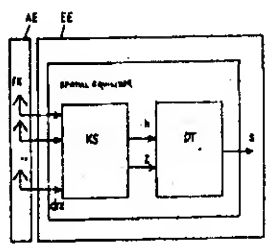
Application no. 168/CAL/97 FILED ON 29.01.1997

(CONVENTION NO.19604772.2 FILED ON 09.02.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.



A receiving device (EE) for parameterizing with assigned intelligent antenna (AE) for receiving at least two mutually at least partially decorrelated received signals (rx) in a radio system, the receiving device (EE) comprising:

- A spatial channel estimator (KS) for the rating of digital signals (drx) derived from the received signals (rx), with antenna weighting factors (a) and for their superposing to form antenna data (z,zd)
- A detector (DT) for the equalization and error correction of the antenna data (Z) by evaluation of the antenna data (z) and chaneel coefficient (h) determined in a channel model (KM) and intended for taking into consideration the multichannel propagation of the received signals (rx), and
- An arithmetic unit (RW) for the determination
- Of the antenna weighting factors (a) for suppressing received disturbances and
- Of the channel coefficient (h) for balancing out the differences in transit times of different signal components of a received signal (rx)

Using an algorithm for mimimizing the deviation (e) of antenna data (zd) of the training sequence and model variables (k) of the test data (d), present in the receiving device (EE), during a training sequence.

Complete Specification : 16 pages *Drawings : 3 sheets*

Ind.Cl : 79

191433

Int.Cl[4] : B 42 D 15/02

Title : A DATA CARRIER AND A METHOD PRODUCING THE SAME

Applicant : GIESECKE & DEVRIENT GMBH, OF PRINZREGENTENSTRASSE 159, D-81677 MUNCHEN, GERMANY.

Inventor : 1. WITTICH KAULE.

2. REINHARD PLASCHKA

Application no. 508/CAL/97 FILED ON 21.03.1997

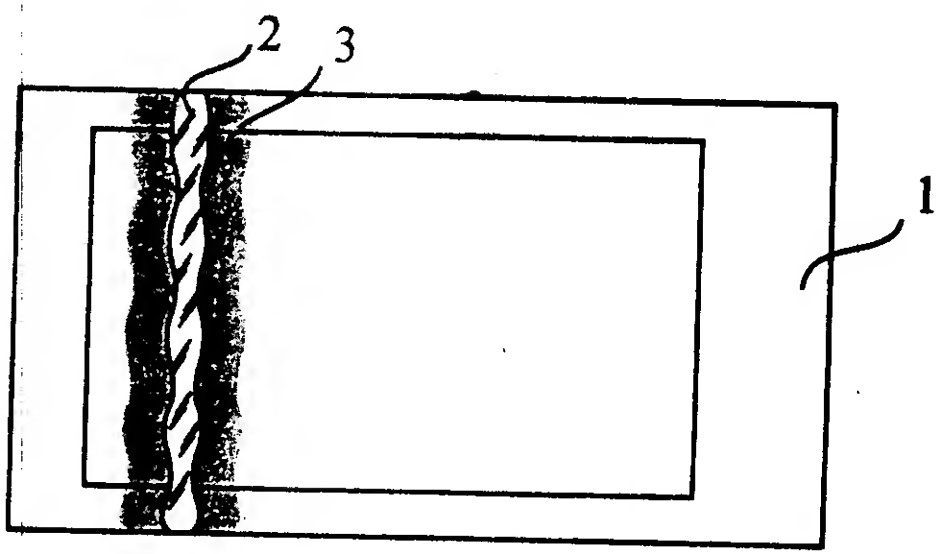
(CONVENTION NO.19611383. 0 FILED ON 22.03.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

27 CLAIMS.

A data carrier with a surface, the surface being provided at least in a partial area with a background layer comprising at least one testable substance indicating authenticity of the data carrier, wherein the surface of the data carrier is provided with a security element and wherein the security element at least partially overlaps the background layer such that the background layer is not completely covered by the security element and the substance is still testable in the uncovered area of the background layer.



Complete Specification : 18 pages. *Drawing : 2 sheets.*

No. Cl	:	**191434**
Int.Cl[4]	:	A 61 B 8/00
Title	:	A SYSTEM FOR PERSONAL IDENTIFICATION OF A PERSON
Applicant	:	SIMENS AKTIENGESELLSCHAFT
		OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY
Inventor	:	1. PETER-CHRISTIAN ECCARDT.
		2. DR. MARTIN VOSSIEK.
Application no.		514/CAL/1997 FILED ON 21.03.1997

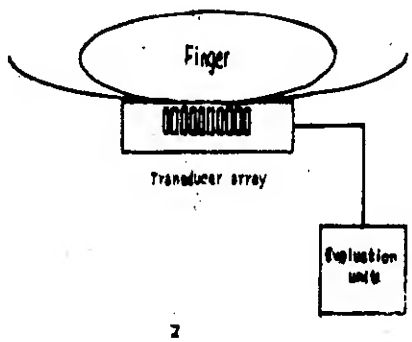
(CONVENTION NO. 19614220.2 FILED ON 10.04.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

3 CLAIMS.

A system for personal identification of a person or persons comprising: an ultrasonic transmission/reception unit such as herein described for detection of information carrying part of skin of a person or persons to be identified; and an evaluation unit such as herein described for evaluating the data resulting from the ultrasonic transmission/reception unit for identification of the person or persons on the basis of data stored in a memory of said evaluation unit.



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Complete Specification : 6 pages. ***Drawing : 3 sheets.***

Ind.Cl : 152 F , 139 A **191435**

Int.Cl[4] : C 09 C 1/48, C 09 C 1/56 C 09 D 11/00, C09 D 7/12 C 09 L 21/00, C 08 K 3/04, C 09 C 1/60

Title : A METHOD FOR PRODUCING A PRESS MOLDED PRODUCT OF CARBON BLACK.

Applicant : MITSUBISHI CHEMICAL CORPORATION OF 5-2, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100, JAPAN

Inventor : 1. MICHIHIRO IKEDA.
2. TAKAHARU YAMAMOTO
3. TADASHI HASHIGUCHI
4. YUTAKA FUKUYAMA

Application no. 559/CAL/97 FILED ON 27.03.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

23 CLAIMS.

A method for producing a press molded product of carbon black having a density p (g/cc) which is at least

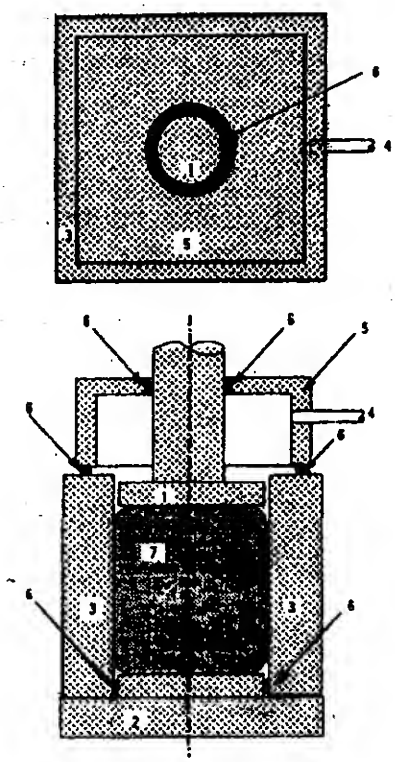
$p = 8.190 \times 10^{-3} D - 3.824 \times 10^{-3} L + 0.516$

And at most

$p = 3.265 \times 10^{-3} D - 3.334 \times 10^{-3} L + 1.173$

wherein D is the arithmetic means particle size (nm) of carbon black by an electron microscope, and L is the DBP oil absorption (ml/100g),

said method comprising the steps of press molding carbon black in a mold and releasing the press molded product of carbon black under a pressurized state.



Complete Specification : 94 pages. *Drawing : 2 sheets.*

Ind.Cl : 63 (G) **191436**

Int.Cl[4] : G 11 B 5/39.

Title : MAGNETORESISTANCE EFFECT ELEMENT.

Applicant : KABUSHIKI KAISHA TOSHIBA , OF 72, HORIKAWA-CHO, SAIWAI -KU, KAWASAKI-SHI, KANAGAWA-KEN, JAPAN.

Inventor : 1. YUZO KAMIGUCHI.
2. AKIKO SAITO.
3. KAZUHIRO SAITO.
4. HIDEAKI FUKUZAWA.
5. HITOSHI IWASAKI.
6. MASASHI SAHASHI.

Application no. 755/CAL/97 FILED ON 29.04.1997

(CONVENTION NO. 8-109068 FILED ON 30.04.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

16 CLAIMS.

A magnetoresistance effect element comprising: a metallic layer (4);

A ferromagnetic layer (1) adjacent to sad metallic layer (4);

A non-magnetic layer (3) disposed on said ferromagnetic layer (1);

A magnetic layer (2) disposed on said non-magnetic layer (3); characterized in that

An atomic-diffusion barrier layer (5) is disposed between said ferromagnetic layer (1) and said metallic layer (4), and said atomic barrier layer (5) has an average thickness in the range of 0.3 nm to 2 nm.

Complete Specification : 35 pages. ***Drawing : 1 sheet.***

Ind.Cl : 39 (E) **191437**

Int.Cl[4] : B 01 J 023/00 ; B 01 J 027/12 ; B 01 J 027/132

Title : PROCESS FOR OBTAINING A REGENERATED FLUORINATION CATALYST BASED ON TRIVALENT CHROMIUM COMPOUND

Applicant : AUSIMONT S.P.A OF FORO BUONAPARTE 31, MILANO, ITALY.

Inventor : 1. FRANCESCO RINALDI
2. PAOLO CUZZATO.
3. BRAGANTE LETANZIO

Application no. 813/CAL/97 FILED ON 05.05.1997

(CONVENTION NO. MI 96A00892 FILED ON 06.05.1996 IN ITALY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

A process for obtaining a regenerated fluorination catalyst based on Cr(III) compounds such as hereinbefore described optionally supported, exhausted for the presence on its surface of organic contaminants, comprising:

a) The treatment of the exhausted catalyst with a flow of air of a mixture of oxygen/inert gas such as nitrogen, at temperatures from 350^{0}C to 400^{0}C, until the organic contaminants disappear, and

b) The treatment of the catalyst obtained after phase a) with a flow of a gaseous mixture formed by an inert gas and from 1 to 10% by volume of hydrogen, at temperatures from 300^{0}C to 380^{0}C, until complete disappearance of the Cr (VI) compound, formed during the oxidation phase a).

Complete Specification : 9 pages. ***Drawing : NIL***

Ind.Cl : 63 E. **191438**

Int.Cl[4] : H 02K - 9/19 H 02 K – 5/132

Title : LIQUID-FILLED SUBMERGED MOTOR.

Applicant : KSB AKTIENGESESSLSCHAFT, OF JOHANN-KLEIN-STRASSE 9, D- 67227, FRANKENTHAL, GERMANY.

Inventor : 1. DR. MARKUS BEUKENBERG.
2. KLAUS ECKER.
3. CHRISTIAN HEIDER.

Application no. 892/CAL/97 FILED ON 19.05.1997

(CONVENTION NO. 19623553.7 FILED ON 13.6.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

Liquid-filled electrical maching, which is configured as an underwater motor , in particular for driving fully-immersed driven working machines, a motor filling liquid of low viscosity used for cooling and lubricating purpose being arranged in the motor internal space (8), the motor (1) being designed for medium and large drive powers and the motor filling liquid flowing through the gap (9) between rotor (5) and stator (3) , characterized in that the motor has Taylor number $Ta>10^4$ in that the motor is provided with cooling tubes (10) in the stator grooves, in that motor filling liquid passes in uniform in the gap (9) between the rotor (5() and stator (3) and in the cooling tubes (10) and in that the cooling tubes (10) are configured as liquid-carrying groove-closing rods, known per se.

Complete Specification : 11 pages. ***Drawing : 2 sheets.***

Ind.Cl : 195 E **191439**

Int.Cl[4] : B 01 D 53/86 B 01 D 53/30 G 05 D 21/02 , C 03 B 5/00

Title : A DEVICE FOR REGULATING OR CONTROLLING THE CONTENT NO_X IN EXHAUST GASES.

Applicant : METALLIGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D- 60323 FRANKFURT AM MAIN, GERMANY.

Inventor : 1. HANS BEISSWENGER.
2. KLAUS HASSELWANDER.
3. DR. HANSJORG HERDEN
4. GERNOT MAYER-SCHWINNING.
5. DR. GURUDAS SAMANT.
6. PETER LUDWIG.

Application no. 1102/CAL/97 FILED ON 11.6.1997

(CONVENTION NO. 19624619.9 FILED ON 20.6.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

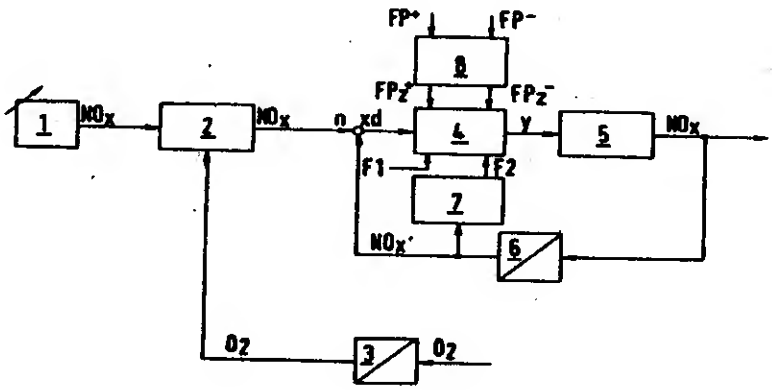
7 CLAIMS.

A device for regulating or controlling the content of NO_X in exhaust gases produced during the operation of glass-melting furnaces with several burners which are operated in alternation, said device comprising a multiplier (2), a first transducer (3), a regulator (4), a dinitrating plant (5) a second transducer (6) , a memory element (7) and a binary signal generator (8) , and where the set point of the content of NO_X, NO_X set, is supplied to a multiplier (2) , at the same time the content of O_2 in the pure gas, O_2 act is measured continuously, and the content of O_2 detected in a first transducer (3) , O_2 act , is likewise supplied to the multiplier (2) , and in the multiplier (2), a standardization of the setpoint NO_x set into a standardised setpoint NO_x set is effected, where the following applies for the standardization:

$$NO_X \text{ set n} = NO_X \text{ set} \quad \frac{(21 - O_2 \text{ act})}{(21 - 8)}$$

and wherein the standardised setpoint NO_X set is compared with the content of NO_X in the pure gas detected by a second transducer (6), NO_X , the deviation xd resulting from this comparison is supplied to a regulator (4), which adapt the amount of NH_3 to be supplied to the denitrating plant (5) as a correcting variable y for regulating the content of NO_X as regulating variable, and where

both the beginning of a combustion break FP^+ and the end of a combustion break FP^- are each supplied as signal to binary signal generator (8), which with a time delay supplies the signals as time-delayed beginning of a combustion break FP_z^- to the regulator (4), which interrupts the regulation upon receipt of the signal FP_z^+ and adjusts the amount of NH_3 to a lower constant fixed value F1 via a control , the amount of NO_X in the pure gas detected by the second transducer (6), NO_X is supplied to a memory element (7), is transformed there into a higher constant fixed value F2 as amount of NH_3, is likewise supplied to the regular (4), and where, as soon as the regulator (4) has received the signal FP_z^-, the fixed value F1 is adjusted to the fixed value F2 via a control, whereafter the regulation is continued immediately.



Complete Specification : 14 pages. ***Drawing : 4 sheets.***

Ind.Cl : 107 F **191440**

Int.Cl[4] : F 02 P 3/06 , 3/09 , H 02 M 3/325 , F 02 W 11/08

Title : IGNITION SYSTEM.

Applicant : MITSUBA CORPORATION, OF 2681, HIROSAWACHO 1-COME, KIRYU-SHI, GUNMA-KEN, JAPAN.

Inventor : 1. ATSUSHI YANASE.
2. YUTAKA NOZUE

Application no. 1676/CAL/97 FILED ON 11.09.1997

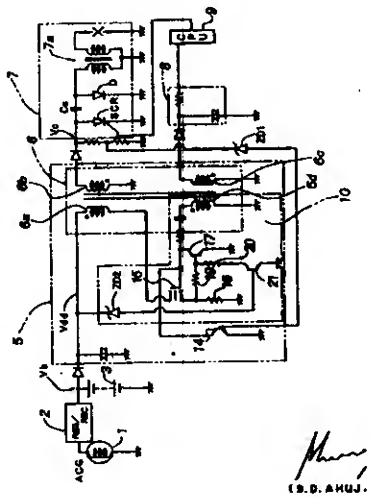
(CONVENTION NO. 08-267719 FILED ON 19.09.1996 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

An ignition system for an internal combustion engine of a vehicle, comprising:



An ignition unit (7) for providing a high voltage to produce a spark from a spark plug; and

A current detecting type DC-DC converter (5) comprising a transformer (6) having a primary winding (6a) connected to a power supply (1,2,3), a secondary winding (6b) for powering the ignition unit (7), first switching means (15) connected between the primary winding (6a) of the transformer (6) and a ground for selectively interrupting a current (Is) flowing through the primary winding (6a) so as to produce a high voltage across the secondary winding (6b) and means (10) for controlling the first switching means (15), characterized in that the means for controlling the first switching means comprises:

A first resistor (16;26;36;46;47) connected between the first switching means (15) and the ground;

A bipolar transistor (17) having a base connected to a first node between the first switching means (15) and the first resistor (16;26;36;46;47) such that an electric potential at the base increases as the current (Is) flowing through the first switching means increases, and when the current (Is) flowing through the first switching means (15) reaches a predetermined current value, the bipolar transistor (17) turns on to cause the first switching means (15) to open, and

A circuit (19,20,21,ZD2; 6e, 37,38, ZD3; 48; ZD4) for setting the predetermined current value at a value lower than a normal one when a voltage (Vb) provided from the power supply (1,2,3) to the primary winding (6a) is lower than a prescribed voltage.

Complete Specification : 16 pages. ***Drawing : 6 sheets.***

Ind.Cl : 206 E / 206 K

191441

Int.Cl[4] : G 06 K 19/07

Title : DEVICE FOR PROCESSING AND STORING DATA

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2. 80333 MUNCHEN GERMANY

Inventor :
1. HEIKO FIBRANZ
2. ROBERT REINER SAULENSTRABE
3. GERHARD SCHRAUD.
4. WALTER STRUBEL
5. JOACHIM WEITZEL
6. DOMINIK BERGER.
7. DR. WOLFGANG EBER.
8. GERALD HOLWEG.

Application no.162/CAL/1997 FILED ON 28.1.1997
(CONVENTION NO. 19604045.0 FILED ON 05.02.1996 IN GERMANY.)

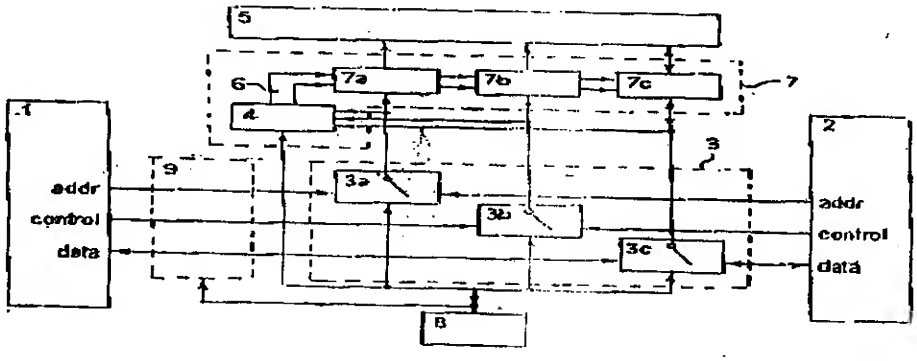
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

Device for processing and storing data, in particular a chip card comprising:

A first interface (1) with contact and a second contactless interface (2) for receiving power from and for communication with a terminal device, a non-volatile semiconductor memory (5), a controllable switch (3), via which either said first or said second interface (1,2) can be connected to said semiconductor memory (5) via address, data and control lines, and a logic circuit (8) , which drives said switch (3), characterized in that a controllable switching means (7) is arranged between said controllable switch (3) and said memory (5) and can be driven at least by said logic circuit (8) and an address signal (addr) present on said address lines.



Complete Specification : 11 pages. ***Drawing : 1 sheets.***

191442

Ind.Cl : 127 (I)

Int.Cl[4] : A 01 M 001/00 ; A 01 M 001/20

Title : TERMITICIDE BAIT TUBE DEVICE FOR DETECTING AND CONTROLLING TERMITE ACTIVITY

Applicant : AMERICAN CYANMID COM PANY, OF FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940 0874, UNITED STATES OF AMERICA.

Inventor : FLOYD KEITH WOODRUFF

Application no. 416/CAL/97 FILED ON 10.03.199

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

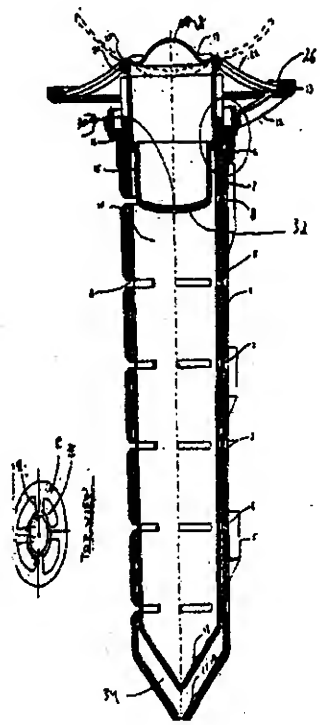
PATENT OFFICE KOLKATA.

11 CLAIMS.

A termiticide bait tube device for detecting and controlling termite activity, said device comprising:

An outer housing (1) adapted to be fixedly implanted in ground , said outer housing (1) defining at least one opening (2) therin, an inner housing (7) removably receivable within said outer housing (1), said inner housing (7) defining at least one opening (8) therein, and means for releasably coupling said inner housing (7) to said outer housing (1) wherein

Said inner housing (7) is rotatable relative to said outer housing (1) such that relative rotation of said inner housing (7) relative to said outer housing (1) results in substantial alignment of said at least one opening (8) in said inner housing (7) with said at least one opening (2) in said outer housing (1).



Complete Specification : 20 pages. ***Drawing : 4 sheets.***

Ind.Cl	:	55 E 2	**191443**
Int.Cl[4]	:	A 61 K 7/48	
Title	:	A PROCESS FOR THE PREPARATION OF AN IMPROVED HERBAL FACE CREAM TO CURE BLEMISHES, ACNE, PIMPLES AND THEREBY MAKING SKIN HEALTHY AND IMPROVING COMPLEXION	
Applicant	:	EMAMI LIMITED, OF 6A, R.N MUKHERJEE ROAD, CALCUTTA WEST BENGAL , INDIA	
Inventor	:	1. DR. NEENA SHARMA 2. DR. PAWAN SHARMA.	
Application no.		656/CAL/2000 FILED ON 27.11.2000	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

2 CLAIMS.

A process for the preparation of an improved herbal face cream to cure blemishes, acne, pimples and thereby making skin healthy and improving complexion, which comprises:

(a) preparing extraction of known herbs such as chandan, mehendi, tulsi, yestimadhu by first washing with water and immersing in demineralised water (DM), heating to boiling for 1 to 2 hours, leaving the same for 10 to 15 hours for extraction, filtering the extract through known filters such as cloth, adding known preservative such as formalin in a range of 0.1 to 0.3 % by weight subjecting the said extract to autoclaving at 15 to 20 lbs per sq. inch for 10 to 30 minutes and finally making up extract with D.M. water ;

(b) preparing extract of turmeric by taking turmeric which has been thoroughly cleaned and is free from extraneous matters in water, heating the same to boiling point for a period of 1 to 2 hours, filtering the same after period of 18 to 24 hours, adding known preservative such as formalin in a range of 0.1 to 0.3 of by weight and making up the volume with D.M. water ;

(c) mixing the extract of step (a) and (b) in equal proportions;

(d) preparing saffron extract in alcohol by taking 0.001 to 0.05 by weight of saffron in 0.1 to 1.0 volume of alcohol ;

(e) preparing water phase by mixing the extract of step (c) with 0.05 to 1.0 by weight methyl paraben , 0.01 to 0.1 by weight ethylene disodium tetra acetic acid , 1.0 to 5.0 by weight glycerine, 10.0 to 20.0 by weight turmeric ext., 8.0 to 15.0 by weight herbal ext. and 0.01 to 0.5 by weight sodium benzoate and heating the mixture to a temperature of 65 to 95°C while stirring and adding caustic potesh solution;

(f) preparing oil phase by mixing the following ingredients :

Butylated Hydroxy Toloune	0.001 to 0.007 by weight
Ceto Stearly Alcohol	0.1 to 1.0 by weight
Isopropyl Myristate	0.1 to 1.0 by weight
Light Liquid Paraffin	0.5 to 5.0 by weight
Propyl Paraben	0.05 to 0.50 by weight
Stearic Acid	10.0 to 20.0 by weight
Silicone Oil	0.1 to 1.0 by weight
Glycerol Mono Stearate S/E	0.5 to 3.0 by weight
Hydrol – 20	0.1 to 1.0 by weight

and adding the same to water phase of step (e) at temperature of 65 to 95°C while stirring ;

(g) subjecting the obtained solution of step (f) to the step of emulsification in mixer at high speed for a period of 20 to 40 minutes ;

(h) adding extract of tumeric to the said emulsified extract at 40 to 60°C, cooling the same and adding known colourant like tartrazine yellow in ratio 0.01 to 0.05 parts by weight followed by alcohol in a ratio of 0.1 to 1.0% by weight bronopal in a ratio of 0.01 to 1.0 by weight, gold bhasma in a ratio of 0.00001 to 0.00050 by weight , known perfumes in ratio 0.5 to 2.0 by weight and saffron extract of step (d) in a ratio of 0.005 to 0.1% by weight , mixing the same for period of 30 to 45 minutes, allowing the obtained mixture to mature for a period of 10 to 15 hours and obtaining the final product.

Complete Specification : 9 pages. ***Drawing : NIL***

Ind. Cl. : 40 (F) 191444

Int. Cl.[4] : G 01 N 029/04

Title : A DEVICE FOR TAKING OUT COAL SAMPLE FROM WAGON FOR TESTING AND ANALYTICAL PURPOSE.

Applicant : TARUN GUPTA, OF DHANSAR, DHANBAD, BIHAR, INDIA.

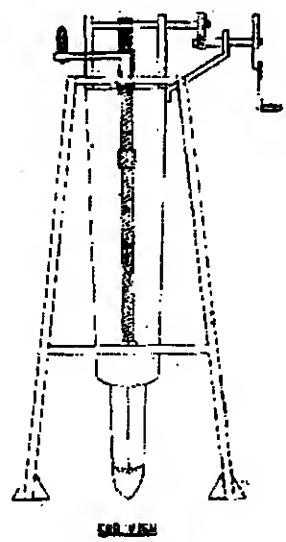
Inventor : TARUN GUPTA.

Application no. 724/CAL/96 FILED ON 22.04.1996.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES, 2003) PATENT OFFICE, KOLKATA.

12 CLAIMS

A device in the form of a pipe for withdrawing solid material such as coal, ores, minerals, granular materials and grains from a container, characterised in that the device is made of a material collecting and holding unit, preferably of tapered cylindrical section, having a plurality of swingably held claw members at its lower most end, each claw member operably connected to a first cross beam at the top end of the said unit, the cross beam being held rotatably on its axis and operable by means of a handle, the said material collecting unit being mounted between a set of angle frames by means of a second set of cross beams operably engaged to a similar set of threaded rods held vertically between the top and bottom ends of the said angle frame.



Complete Specification : 9 pages ***Drawing : 5 sheets.***

Ind.Cl : 206 d **191445**

Int.Cl[4] : H 04 B – 7/10

Title : RADIO STATION FOR TRANSMITTING AND RECEIVING DIGITAL INFORMATION IN A MOBILE COMMUNICATIONS SYSTEM

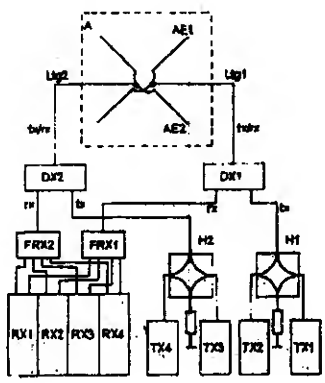
Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. MICHAEL FAERBER.
2. HELMUT MUEHLBAUER
3. FRANZ-PETER WANGERCZYN

Application no. 744/CAL/97 FILED ON 28.04.1997
(CONVENTION NO. 19617140.7 FILED ON 29.04.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

16 CLAIMS.



Radio station (FS) for transmitting and receiving digital information in a mobile communications system,

- Having an antenna (A) for transmitting and receiving,
- Having at least one first transmitting unit (TX_1, TX2,.....TXn),-
- Having at least one first receiving unit (RX1, RX2,.....RXn), characterised in that, for diversity reception:
- The antenna (A) has at least two exciter system, (AE1, AE2) with different polarization,
- A first duplexer (DX1), connects at least the first transmitting unit (TX1) and the first receiving unit (RX1) to a common first antenna cable (ltg1).
- The exciter system (AE1) is connected to the first duplexer (DX1) via the first antenna cable (Ltg1),
- The exciter system (AE2) is connected to at least the first receiving unit (RX1) via a second antenna cable (ltg2)

Complete Specification : 14 pages. ***Drawing : 4 sheets.***

Ind.Cl : 27 I **191446**

Int.Cl[4] : E 04 F 17/04

Title : AN IMPROVED DEVICE FOR ATTENUATING THE NOISE PRODUCED BY FANS/BLOWERS USED FOR SUPPLYING AIR TO THE NORMALISING FURNACE IN A STEEL PLANT.

Applicant : STEEL AUTHORITY OF INDIA LTD. OF ISPAT BHAWAN, LODI ROAD, NEW DELHI – 11003, INDIA

Inventor : 1. SUBRATA BHATTACHARYA
2. HARI DUTT PANDEY.
3. SHRI RAM MEDIRATTA.
4. S.K PRADHAN.

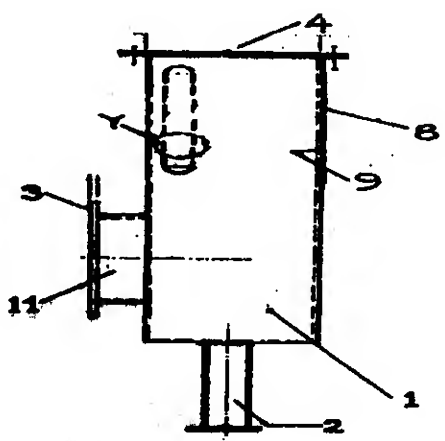
Application no. 1231/CAL/97 FILED ON 22.6.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

An improved device for attenuating the noise produced by fans/ blowers used for providing combustion air to the normalising furnace in a steel plant, characterised in that the device comprises an air inlet duct of substantially rectangular cross section, without having any bend, and being made of non-perforated outer casing 8 and a perforated inner casing 9, space 5 between the two casings being provided with spacers7; a cover 4 of bird screen at its air inlet top end; two supports 2 at its closed bottom end; and an air outlet 11 with flange 3 for being fitted with the fans/blowers; the space 1 within the inner casing being filled with acoustic materials 6 , such as herein described.



Complete Specification : 7 pages. ***Drawing : 2 sheets.***

Ind.Cl : 136 E , & H **191447**

Int.Cl[4] : B 29 B , 65/20 & 67/18

Title : A METHOD OF MANUFACTURING A FLUID CONTAINING MOLDED VESSEL HAVING A FITTING AND AN APPARATUS FOR CARRYING OUT THE METHOD.

Applicant : ESSEF CORPORATION, OF 220 PARK DRIVE, CHARDON, OHIO 44024. UNITED STATES OF AMERICA.

Inventor : 1. JAMES CHARLES MURPHY.
2. KEVIN GOODGE.
3. JIM HLEBOVY.

Application no. 1539/CAL/96 FILED ON 28.08.1996

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

24 CLAIMS.

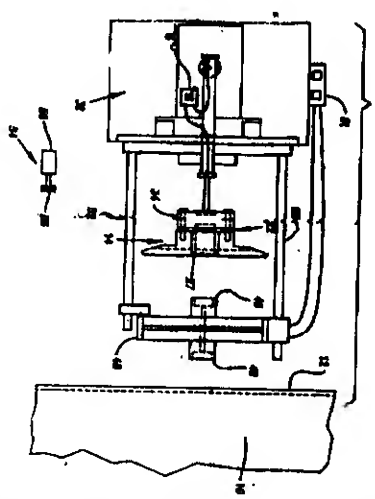
A method of manufacturing a fluid containing molded vessel having a fitting, characterised by the steps of :

Forming a liner (10) defining the vessel;

Providing a preformed fitting (14);

Installing an insert (22) in the fitting (14) , said insert (22) comprising means (26) for engaging the fitting to firmly secure the fitting on the liner and bond it therewith;

Positioning the fitting on a wall (12) of the liner (10) in welding the insert (22) to the wall (12).



Complete Specifications : 14 pages. *Drawings: 3 sheets*

Ind.Cl : 98 G **191448**

Int.Cl[4] : F 28 F , 1/24, 3/08

Title : IMPROVED FINS FOR USE IN FINNED HEAT EXCHANGER AND FINNED TUBULAR HEAT EXCHANGER HAVING THE IMPROVED FINS.

Applicant : AMALESH SIRKAR OF 5/1B , DOVER PLACE, TOP FLOOR, CALCUTTA – 700 019, WEST BENGAL, INDIA

Inventor : AMALESH SIRKAR.

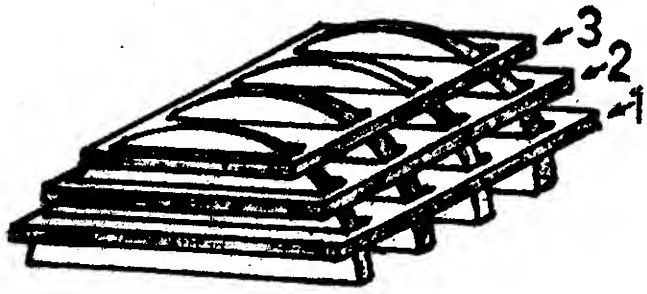
Application no. 1571/CAL/96 FILED ON 03.09.1996

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

Improved fins for use in finned tubular heat exchanger in the form of semi circular disc characterised in that straight side of the said semi circular disc is adapted tosit on the external surface of the tube core.



Complete Specifications : 10 pages. Drawings: 1 sheet

Ind.Cl	:	147 , 105	**191449**
Int.Cl[4]	:	G 11 B 7/00	
Title	:	RECORDING APPARATUS FOR RECORDING IN A TRACK OF AN OPTICAL INFORMATION CARRIER AFIRST CHANNEL SIGNAL REPRESENTING A MAIN INFORMATION SIGNAL, A SECOND CHANNEL SIGNAL REPRESENTTING A CUE INFORMATION SIGNAL, AND A THIRD CHANNEL SIGNAL REPRESENTING A SUB INFORMATION SIGNAL.	
Applicant	:	KONINLIJKE PHILIPS ELECTRONICS N.V OF GROENEWOUDSEWEG 1, 5621, BA EINDHOVEN, THE NETHERLAND.	
Inventor	:	1. GERARDUS CORNELIS PETRUS LOKHOFF. 2. CONSTANT PAUL MARIE JOZEF BAGGEN.	
Application no.		1617/CAL/96 FILED ON 1.09.1996	

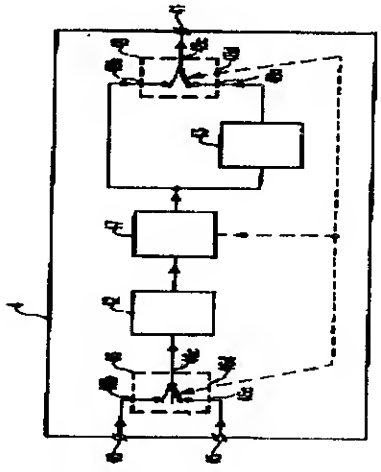
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.

Recording apparatus for recording in a track on an optical information carrier a first channel signal representing a main information signal, a second channel signal representing a cue information signal and a third channel signal representing a sub information signal, said main information signal comprising at least one programme item and said cue information signal comprising for said at least one programme item an indication of its location on said track, the recording apparatus comprising

means for receiving the main information signal , the cue information signal and the sub information signal,



- means for encoding the main information signal, providing said first channel signal,
- means for encoding the cue information signal, providing said second channel signal,
- means for encoding the sub information signal by generating sub information packs comprising data from sad sub information signal plus data for error detection and correction thereof, providing said third channel signal,
- means for writing the first channel signal in a main information area of said track on the information carrier and for writing the second channel signal and the third channel signal in a lead-in area of said track preceding the main information area, characterized in that said means for encoding the sub information signal are adapted to generate said sub information packs in substantially non-interleaved form and to provide said third channel signal carrying sub information packs in that form.

Complete Specifications : 20 pages. *Drawings: 9 sheets*

Ind.Cl : 98 G. **191450**

Int.Cl[4] : F 28 F , 25/04, 27/02 , F 28 D 21/00

Title : A HEAT EXCHANGE APPARATUS OF HEAT PUMP TYPE.

Applicant : LG ELECTRONICS INC, OF 20, YOIDO-DONG, YONGDUNGOP-KU SEOUL, REPUBLIC OF KOREA.

Inventor : 1. YOON HO RYU.

2. KYUNG SIK KIM

Application no. 1663/CAL/96 FILED ON 19.09.1996

(CONVENTION NO. 1995-31341 FILED ON 22.9.1995 IN KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

A heat exchange apparatus of heat pump type, comprising

A compressor for compressing refrigerant;

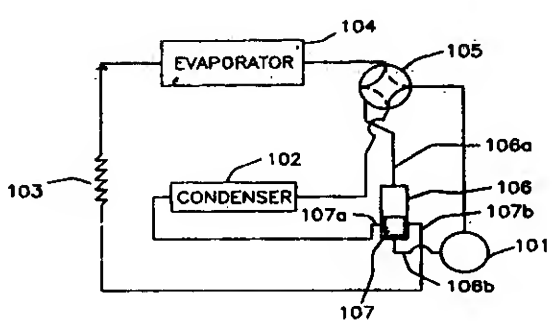
A condenser for condensing the refrigerant compressed by the compressor so as to convert into the liquid refrigerant, the condenser being connected to the compressor;

An expansion device for expanding the liquid refrigerant, the expansion device being connected to the condenser;

An evaporator for evaporating the liquid refrigerant expanded by the expansion device, the evaporator being connected to the expansion device;

An accumulator connected to the evaporator, the liquid refrigerant being accumulated within the accumulator;

Characterized in that there is provided means for exchanging heat between the liquid refrigerant condensed by the condenser and the liquid refrigerant within the accumulator, the heat exchanging means being connected to the condenser and the heat expansion device/



Complete Specifications : 11 pages. ***Drawings: 3 sheets***

Indian Classification	:-	179 A **191451**
International Classification[4]	:-	B65 D 41/20, B65D 41/50
Title	:-	"An apparatus for manufacturing a plastic closure for containers and like."
Applicant	:-	H-C Industries, Inc., a corporation organised under the laws of the State of Delaware, United States of America, of 1205 East Elmore Street, Crawfordsville, Indiana 47933-3116, United States of America.
Inventors	:-	DAVID WAYNE SMITH -U.S.A. RAMESH - KAMATH U.S.A.

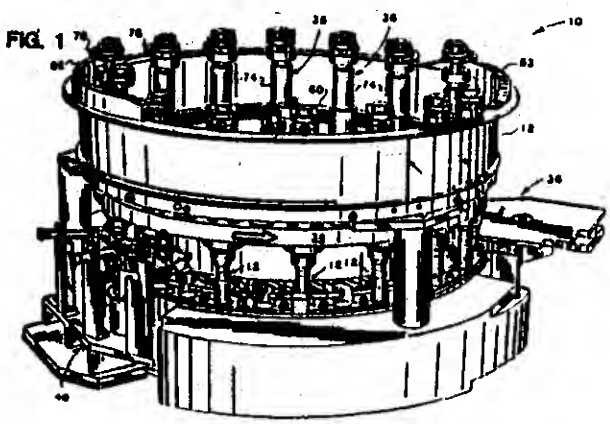
Application for Patent Number 33/Del/1995 filed on 13/01/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 5)

An apparatus for manufacturing a plastic closure for the container and the like comprising a rotatable carousel; at least one orientation mandrel carried by said carousel, said mandrel including stop means movable radially of said mandrel from a first position to a second position; and scoring means for scoring at least one predetermined portion of said pilfer band of said closure.

FIG. 1



Complete Specification No of Pages 19 Drawings Sheets 06

Indian Classification :- 95 I **191452**

International Classification[4] :- B25B 7/00

Title :- "Locking Pliers with Axial Clamping Action."

Applicant :- Irwin Industrial Tool Company, a Delaware Corporation located at 29 East Stephenson Street, Freeport, Illinois united States of America.

Inventors :- RAYMOND ARTHUR DAHL U.S.A.
FRANCIS IVAN BARNES U.S.A.
ANTHONY BERNARD FULLER U.S.A.
JOSEPH ALAN SORENSEN -U.S.A.

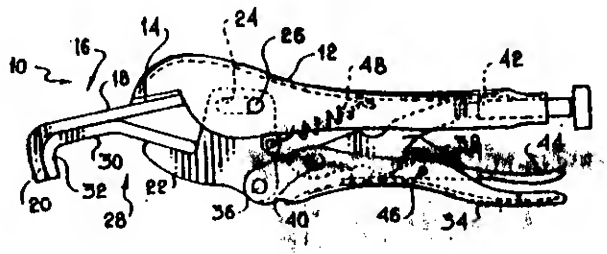
Application for Patent Number 104/Del/1995 filed on 25/01/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003)Patent Office , New Delhi Branch - 110 008.

(Claims 08)

A locking pliers comprising:
a body having a fixed jaw fixedly positioned with respect to the body the fixed jaw have a fixed extension which in turn has a fixed clamping element;
a movable jaw mounted to the body to pivot about a hinge pin, the movable jaw having a movable extension which in turn has a movable clamping element;
an operating lever pivotably mounted to the movable jaw;
an over-center locking linkage coupled between the operating lever and the body to hold the operating lever and the movable jaw closed, with the fixed and movable clamping elements in opposed, clamping relationship;
wherein the movable extension is fixedly positioned with respect to the movable jaw,
the locking pliers characterized by the body and the movable jaw has an elongated slot, and wherein the hinge pin passes through the slot such that during closing the movable jaw moves with respect to the hinge pin, and the movable jaw translates with respect to the body as the slot moves with respect to the hinge pin, the slot oriented such that the movable extension slides along the fixed extension as the movable jaw is pivoted closed with the operating lever, thereby providing an axial clamping action.

FIG. 1



Complete Specification No of Pages 13 Drawings Sheets 03

Indian Classification :- 154 D **191453**

International Classification[4] :- G11B 5/027

Title :- "A Printer Mechanism Particularly for use in an Automated Teller Machine.".

Applicant :- Interbold, a New York partnership, United States of America. of 5995 Mayfair Road, North Canton, Ohio 44720, United States of America.

Inventors :- JEFFREY ANDREW BRANNAN -U.S.A.
TUYEN VAN PHAM -U S.A,
THOMAS SCOTT MASON -U.S.A.
JAY PAUL DRUMMOND -U.S.A.
JEFFREY ALLEN HILL -U.S.A.
PAUL THOMAS BRUSS -U.S.A.
MARK - HAMMER -U.S.A.
JIM - ROWE -U.S A.
DAVE - WALSON -U.S.A.
ROBERT JOHN BRICE -U.S.A.

Application for Patent Number 210/Del/1995 filed on 10/2/95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 17)

A printer mechanism particularly for use in an automated teller machine comprising: a frame; a support plate supported on said frame; a print cartridge; wherein one of either said support plate or said printer cartridge is provided with a first projection and the other of the support plate or the print cartridge has a first recess, wherein the first projection is accepted in nested relation in the first recess when the printer cartridge is in a mounted position on the support plate, and wherein one of either the support plate or the print cartridge has a second projection, wherein the second projection extends generally perpendicular to the first projection when the print cartridge is in the mounted position, and wherein the other of the support plate or the print cartridge has a second recess, wherein the second recess accepts the second projection therein in nested relation when the print cartridge is in the mounted position.

Complete Specification No of 35
Drawings 16

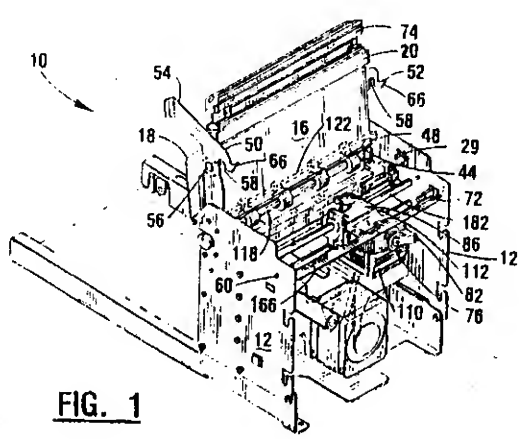


FIG. 1

Indian Classification	:	62 A **191454**
International Classification[4]	:	C 11 D- 01/00 + 3/00.
Title	:	**"BLEACH COMPOSITIONS COMPRISING BLEACH ACTIVATORS AND BLEACH CATALYSTS".**
Applicant	:	**THE PROCTER & GAMBLE COMPANY,** a corporation organized and existing under the laws of the States of Ohio, United States of America, of the One Procter & Gamble Plaza, Cincinnati, Ohio 45202, **USA.**
Inventors	:	**MICHAEL EUGENE BURNS-US** **ANAN DAVID WILLEY-BRITISH** **RICHARD TIMOTHY HARTSHORN-BRITISH** **LUCILLE FLORENCE TAYLOR-US.**

Application for Patent Number 630/DEL/95 filed on 04/04/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

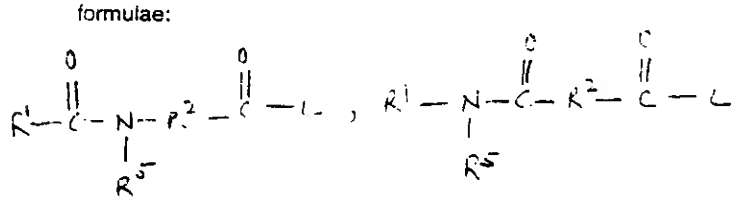
A bleaching composition comprising

a. one or more bleach catalysts such as herein described from 1% to 80%.

b. a bleaching compound such as herein described capable of yielding hydrogen peroxide in an aqueous liquor from 0.1% to 60%.

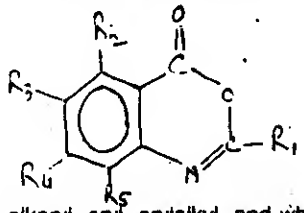
c. one or more bleach activators, wherein said bleach activators are members selected from the group consisting of:

i) an amido-derived bleach activator of the general formulae:



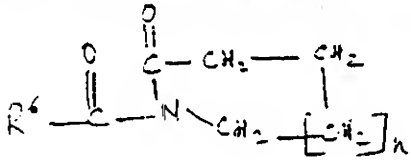
or mixtures thereof, wherein R^1 is an alkyl, aryl, or alkaryl group containing from 1 to 14 carbon atoms, R^2 is an alkylene, arylene, or alkarylene group containing from 1 to 14 carbon atoms, R^5 is H or an alkyl, aryl, or alkaryl group containing from 1 to 10 carbon atoms, and L is a leaving group;

b) a benzoxazin-type bleach activator of the formula:



wherein R_1 is H, alkyl, alkaryl, aryl, arylalkyl, and wherein R_2, R_3, R_4 and R_5 may be the same or different substituents selected from H, halogen, alkyl, alkenyl, aryl, hydroxyl, alkoxyl, amino, alkylamino, $-COOR_6$, wherein R_6 is H or an alkyl group and carbonyl functions;

c) N-acyl lactam bleach activators of the formula:



wherein n is from 0 to 8, preferably from 0 to 2, and R^6 is H, an alkyl, aryl, alkoxyaryl or alkaryl group containing from 1 to 12 carbons, or a substituted phenyl group containing from 6 to 18 carbon atoms; and

d) mixtures of a), b) and c).

and the balance adjunct ingredients such as herein described.

(Complete Specification Pages 42 Drawing NIL Sheet)

Indian Classification :- 195 C **191455**

International Classification[4] :- F16K 25/00

Title :- "A shut off device for a tap,cock or faucet."

Applicant :- Han Sin Low, a Malaysian citizen c/o. Watertec (Malaysia) Sdn Bhd, of Lot 6, Jalan Halba 16/16, 40000 Shah Alam, Selangor Darul Ehsan, Malaysia.

Inventors :- HAN SIN LOW -MALAYSIA.

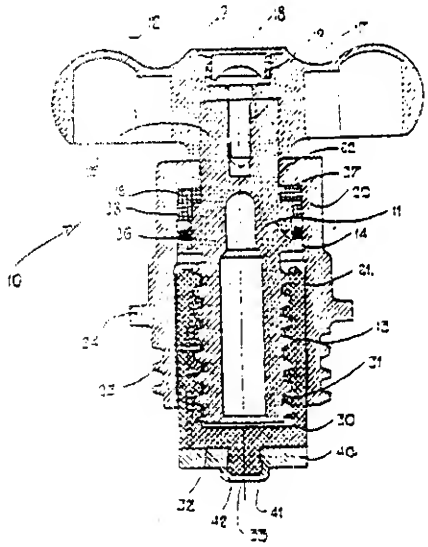
Application for Patent Number 1026/Del/1995 filed on 05/06/1995

Convention Date 22/12/1994/PI 9403472/Malaysai

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 05)

A shut-off device for a tap, cock or faucet, comprising an axially rotatable spindle (11) supported within a casing (20) attached to a body of the tap, cock or faucet, a sealing member (40) displaceable on rotation of the spindle to engage an associated seat in the tap. cock or faucet body, an O-ring (36) positioned between a shoulder (14) on the spindle (11) and the casing (20), the sealing member being replaceable and a press fit onto one end of the carriage (30) that is in threaded engagement with the spindle (11)whereby rotation of the spindle (11) imparts linear displacement to the carriage (30), characterized in that a replaceable end bonnet member (37) is located on a step (16) of the spindle (11) wholly within the casing (20) to locate the O-ring (36) between the spindle (11) and casing (20).



Complete Specification No of Pages 9 Drawings Sheets 01

Indian Classification :- 40 F, 70 C3 **191456**

International Classification[7] - C 02 F 1/46, C 02 F 9/00, C 25 B 11/03.

Title :- " A Process for Treatment of a Fluid and an Apparatus Therefor "

Applicant :- Brian George Cook, at 44-131, Berkley Road, St. Catharines, Ontario, Canada.

Inventors - BRIAN GEORGE COOK - CANADA.

Application for Patent Number 1118/del/1995 Filed on - 16/06/1995

Convention Application No. 2,126254/CA/ 20/06/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office . New Delhi Branch - 110 008

(Claims 11)

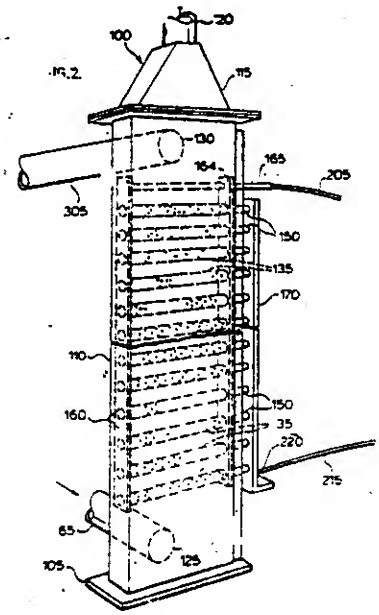
A process for treatment of a fluid said process comprising the steps of:

(i) feeding the fluid to a fluid treatment chamber having a fluid inlet and a fluid outlet;
(ii) passing the fluid through the fluid inlet into the treatment chamber;
(iii) forcing the fluid through at least one fluid permeable electrolytic cells
(iv) subjecting the fluid to electrolysis as it passes through the channel;
(v) forcing the fluid to the fluid outlet; and
(vi) allowing the fluid to exit the fluid outlet

characterised in that the electrolytic cells (i) are disposed in a manner such that the flow of fluids is substantially transverse to the electrolytic cells and (ii) substantially completely fills the cross-section of the housing such that the only one path of fluid from the fluid inlet to the fluid outlet is through the electrolytic cells.

(Complete Specification No of Pages - 20

Drawings Sheets - 07



Indian Classification :- 33A **191457**

International Classification[7] :- B 22 D 11/06

Title :- DEVICE FOR CONTINUOUS CASTING OF THIN METAL PRODUCTS"

Applicant :- USINOR [formerly known as USINOR- SACILOR], of immeuble " La Pacific", 11-13 Cours Valmy, La Defense 7, 92800 Puteaux, France and THYSSEN STAHL AKTIENGESELLSCHAFT, of Kaiser-Wilhelm Strasse 100, D-4100 Dusburg 11, Germany.

inventors :- JACQUES BARBE - FRANCE.
LUC VENDEVILLE - FRANCE.
PIERRE DELASSUS - FRANCE.

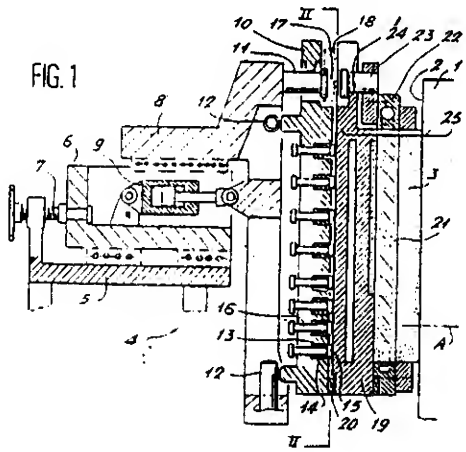
Application for Patent Number 1186/del/1995 filed on 27.6.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

Device for continuous casting of thin metal products between rolls, including two cooled counter-rotatory rolls (1), two side dams (3) and means for supporting and applying by pressure the said side dams against the front ends (2) of the rolls, characterized in that the said support means include a thrust plate (10) which can be moved in the exial direction (A) of the rolls (1) and is arranged perpendicular to this derction, a panal (19), which supports the side dam (3)and which is carried by the thrust plate (10) and arranged facing the latter, at least three thrust member (14) interposed between said thrust plate (10) and the said panel (19), these members being distributed over a zone of shape corresponding to that of the side dam(3), and being capable of exerting thereon thrust forces independently of one another.

FIG. 1



Complete Specification No of Pages 16 Drawings Sheets 01

Indian Classification	:-	107 B **191458**
International Classification[7]	:-	F 02 B 25/20
Title	:-	" An Improved two Stroke Engine Having Selective Recirculation of Exhaust Gases "
Applicant	:-	Council of Scientific and Industrial Research, INSDOC Building, 14, Satsang Vihar Marg, Special Institutional Area, N.Delhi-110 067.
Inventors	:-	MUKESH SAXENA - INDIA.

Application for Patent Number 1249/del/1995 filed on 05/07/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 02)

An improved two stroke engine having selective recirculation of exhaust gases comprising a crankcase provided with a primary inlet pipe, one end of the said inlet pipe opens into the said crankcase, the other end of the said inlet pipe opening into an air-filter through carburetor for the supply of air-fuel mixture to the engine, the said crankcase being connected to engine cylinder through transfer passage/port, the said cylinder being provided with a reciprocating piston, spark-plug and exhaust port, characterized in that the said crankcase is also provided with a secondary inlet pipe, one end of the said secondary inlet pipe being connected through a one-way valve to the said transfer passage/port, the other end of the said secondary inlet pipe being connected to an exhaust probe in the exhaust pipe/port for recirculation of portion of exhaust gases.

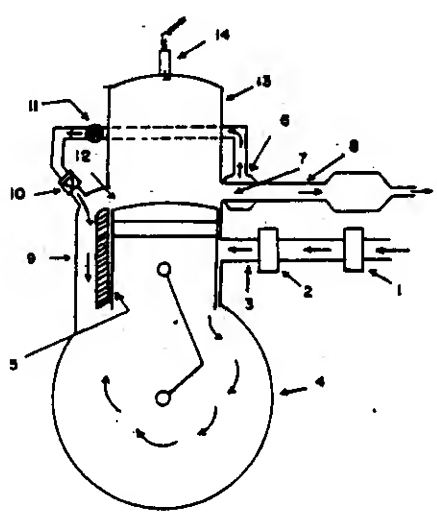


FIG-1

Complete Specification No of Pages 06 Drawings Sheets 01

Indian Classification :- 51 D **191459**

International Classification[4] :- B 26 B 21/08.

Title :- " A SHAVING APPARATUS OF THE WET SHAVE TYPE AND A PROCESS FOR THE PREPARATION THEREOF "

Applicant :- THE GILLETTE COMPANY, of Prudential Tower Building, Boston, State of Massachusetts, U.S.A.

Inventors :- MINGCHIH MICHAEL TSENG - USA.
PHILIP JOHN SWEENEY - USA.
ALFRED PORCARO - USA.

Application for Patent Number 1232/del/1995 filed on 03/07/1995

Convention application No: 461. 319/USA/20 06.1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 11)

A shaving apparatus of the wet shave type including a blade and an elongated polymeric skin engaging member immovably affixed adjacent said blade, characterized in that said skin engaging member is a unitary, coextruded member comprising a rigid or semi-rigid core surrounded by a flexible, elastomeric outer layer, said core extending axially through said outer layer and providing mechanical strength to said skin engaging member.

Complete Specification No of Pages 17

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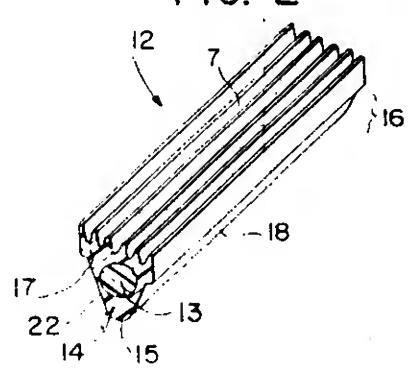
FIG. 2



Indian Classification :- 57 D **191460**

International Classification[7] - B 26 B 21/00

Title :- " A RAZOR HEAD WITH ENHANCED SKIN PROTECTION "

Applicant :- WARNER-LAMBERT COMPANY at 201 Tabor Road, Morris Plains New Jersey 07950, U.S.A.

Inventors :- CHARLES JOHN BUROUT - U.S.A.

Application for Patent Number 1237/DEL/1995 filed on 04/07/1995

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008

(Claims 20)

A razor head for shaving comprising

a guard member having a skin-engaging surface:

a first blade having a cutting edge;

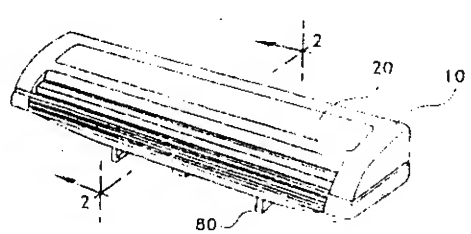
a second blade having a cutting edge: and

a first cap member having a skin-engaging surface disposed between said cutting edge of said first blade and said cutting edge of said second blade, said skin-engaging surface of said first cap member having an area of at least 0.025 sq.cm.

FIG—1

(Complete Specification No of Pages 12

Drawings Sheets 04



191461

Ind.Cl :

Int.Cl[4] : D 21 B 1/34

Title : KNEADER FOR THE PREPARATION OF PAPER STUFF.

Applicant : COMER SPA, OF VIA PALLADIO, 129, 36030, CALTRANO(VI) ITALY

Inventor : GIANCARLO DAL MASO.

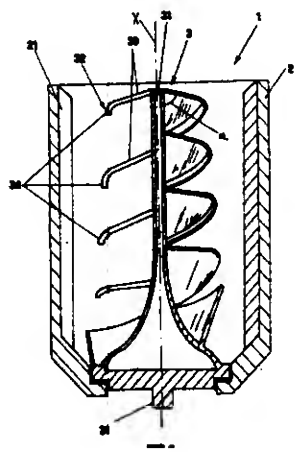
Application no. 1031/CAL/1996 FILED ON 04.06.1996

(CONVENTION NO.VI95A000092 FILED ON 05.06.1995 IN ITALY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

8 CLAIMS.



Kneader (1; 100) for the preparation of paper stuff comprising: substantially cylindrical tank (2;120) having on the internal wall, vertical ribs (21) adapted to interrupt the rotation of the stuff stream; a rotor (3;130) having a central shaft (31) with an axis (X) located inside said tank (2;120) and provided with spiral shaped blades (32;132), characterised in that the external edge of each said blade is provided with a holding wing (34;134) which is continuous and oriented towards the bottom of the tank, said wing extending from the beginning of each blade, starting from the rotor part farthest from the bottom and ending almost at one turn before the end of the spiral on the bottom.

Complete Specifications : 10 pages. ***Drawings: 4 sheets***

Ind.Cl : **191462**

Int.Cl[4] : B 31 B 1/80

Title : DEVICE FOR PULLING OPEN CONTINUOUSLY CROSSCOVERYED TUBE SECTIONS FOR THE PURPOSE OF FORMING BOTTOMS IN THE MANUFACTURE OF SACKS.

Applicant : WINDMOLLER & HOLSCHER, OF MUNSTERSTR, 50, 49525 LENGERICH GERMANY.

Inventor : 1. FRITZ ACHELPOHL
2. RUDIGER DUWENDAG.
3. JOACHIM WITZKE.

Application no. 1624/CAL/96 FILED ON 11.09.1996

(CONVENTION NO. 19540150.6 FILED ON 27.10.1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

4 CLAIMS.

Device for pulling open continuously cross-conveyed tube sections (1) for the purpose of forming bottoms in the manufacture of sacks comprising, support tubes (7) provided in pairs and connected to vacuum sources by lines; plurality of parallel and rotatable connecting rods (8,9) housed in a machine frame each forming coupler of said support tubes (7); a plurality rows of radial suction units (4) provided to said support tubes (7); a crank (12) connected to a pivot shaft (10) of a said parallel connecting rod (8,9); a radial guide (18) rigidly connected to a shaft (16) seated in the machine frame; and a roll (13) supported by said crank (12) sliding in said radial guide (18), the guide being offset relative to the parallel connecting rod shaft such that an essentially translational movement corresponding to the conveyance speed is superimposed on the opening movement of the row of suction units (4). characterized in that the radial guide (18) is formed in a curved shape such that the time of uniform motion of the suction units (4) and the tube section (1) is lengthened.

Complete Specifications : 11 pages. *Drawings: 3 sheets*

Ind.Cl : 40 A1 , 40 D, 40 F **191463**

Int.Cl[4] : F 01 N , 3/20, 3/28, B 21 D, 47/04

Title : AN IMPROVED PROCESS AND DEVICE FOR MANUFACTURING A HONEYCOMB BODY FROM METAL FOILS HAVING TWO OR MULTIPLE LAYERS.

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, 53797 LOHMAR, GERMANY.

Inventor : 1. LUDWIG WIERES.
2. HANS-PETER CASPAR.
3. FERDI KURTH
4. GUNTHER FAUST.

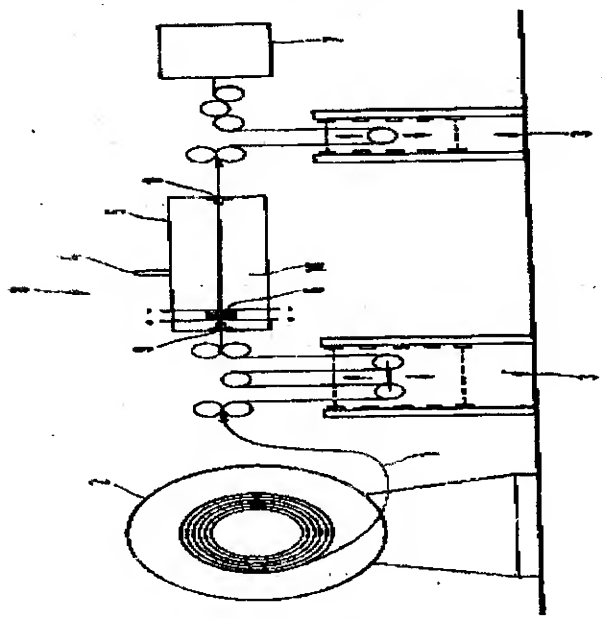
Application no. 1708/cal/96 FILED ON 26.9.1996

(CONVENTION NO.19536752.9 FILED ON 02.10.1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

19 CLAIMS.



An improved process for manufacturing a honeycomb body from at least one metal foil (1) having at least two different layers, in particular from steel roll-bonded with aluminium, wherein the metal foil (1) is provided at least partly with a structure, by means of shaping, and is then laminated or wound to form the honeycomb body, characterised in that before shaping, the metal foil (1) is heat-treated by means of resistance heat generated within it.

Complete Specifications : 13 pages. ***Drawings: 2 sheets***

191464

Ind.Cl : 27 H

Int.Cl[4] : A 47 F 5/14

Title : A CONNECTING MEMBER FOR MODULAR SHELVES AND A MODULAR SHELF INCORPORATING THE SAME.

Applicant : NS PLANNING INC., OF SUN BLDG., 2-26-7 , MINAMI-OHTSUKA TOSHIMA-KU, TOKYO, JAPAN.

Inventor : TSUKASA YOSHIDA

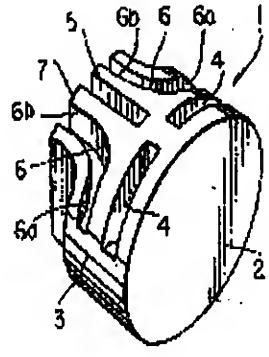
Application no. 1893/CAL/96 FILED ON 30.10.1996.

(CONVENTION NO.7-303340 FILED ON 30.10.95 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.



A connecting member for modular shelves, comprising a flattened columnar body, one end surface of which forms a front surface, and the other end surface of which forms a rear surface characterized in that at least one circumferential side surface of said flattened columnar body is provided with a plurality of slits comprising rear frame-fitting slits extending to left and right and in parallel with said front surface, side frame-fitting slits extending at right angles to said rear frame-fitting slits and L-shaped shelf-fitting slits which comprise first side parts extending along said rear frame-fitting slits and second side parts extending along said side frame-fitting slits, and which are provided on left and right sides of said side frame-fitting slits , each of said rear frame-fitting slits, said side frame-fitting slits, and said L-shaped shelf-fitting slits being open at the outer circumference of said columnar body.

Complete Specifications : 14 pages. ***Drawings: 6 sheets***

Ind.Cl : 107 E. **191465**

Int.Cl[4] : F 01 N 1/00 , 1/02

Title : SUCTION NOISE MUFFLER FOR HERMETIC COMPRESSOR

Applicant : LG ELECTRONICS, INC. OF 20, YOIDO-DONG, YONGDUNGPO-KU SEOUL, REPUBLIC OF KOREA.

Inventor : 1. TAE MIN KIM.
2. SANG MIN LEE

Application no. 1886/CAL/96 FILED ON 30.10.1996

(CONVENTION NOS. 39367/1995 FILED ON02.11.95 AND ON 56432/1995 FILED ON 26.12.1995 IN REPUBLIC OF KOREA.)

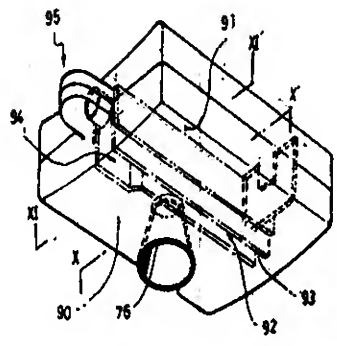
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

17 **CLAIMS.**

A suction noise muffler for a hermetic compressor, comprising

An upper casing (70) having an outer wall (71,111-115) and a plurality of inner walls (73-75, 120-123) formed at predetermined inner portions of the outer wall; and a lower casing (80) having an outer wall (81, 141) and a plurality of inner walls (83 – 85 , 142) format at predetermined inner portions of the outer wall to define an inlet (93, 130) a guide path (92, 131) , a fixing sections (95, 132) and a plurality of noise reducing sections (90, 91, 124-126) able to reduce noise, in a specified bandwidth, generated in flowing refrigerant when the respective inner and outer walls of the upper and lower casing are fitted together.



Complete Specifications : 35 pages. ***Drawings: 15 sheets***

191466

Ind.Cl : 98 G

Int.Cl[4] : F 28 D 15/00

Title : TUBULAR HEAT EXCHANGE SYSTEM.

Applicant : DAVID R. COOK, OF 5355 E. EVANS CREEK ROAD, ROGUE RIVER, OREGON-97537, UNITED STATES OF AMERICA.

Inventor : DAVID R. COOK

Application no. 1937/CAL/96 FILED ON 06.11.1996

(CONVENTION NO. 08/560, 451 FILED ON 17.11.95 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

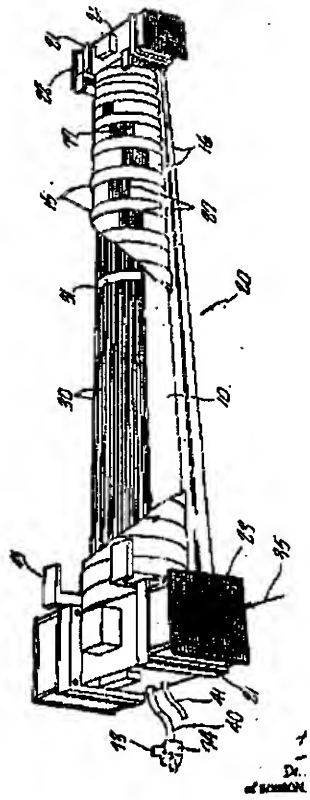
PATENT OFFICE KOLKATA.

13 CLAIMS.

A multipurpose heat exchange system (20) comprising a tubular structure, a plurality of coils (30) within the tubular structure means (22) for drawing a first heat exchange medium (35) into the heat exchange system (20), a second heat exchange medium (36) for transport through the coils and means for releasing the first medium (35) to flow from the heat exchange system (20);

characterized is that;

the tubular structure comprises a first generally cylindrical tube (10) with a solid portion (80) and cutaway portions (81) and the means for releasing the first medium (35) has an outer tube (75) disposed around the first tube, said outer tube (75) having a series of slots (76) with the cutaway portions to form one or more openings (77) of selected variable size to release the first medium (35) to flow from the heat exchange system.



Complete Specifications : 25 pages. *Drawings: 8 sheets*

Ind.Cl : 172 (B) **191467**

Int.Cl[4] : F 28 F 005/02

Title : CONVEYING ROLLER FOR A CARBURIZING FURNACE.

Applicant : YUNG-CHI YANG, OF NO. 46, YUNG-AN RD, TUNG-CHOU TSUN HIS-CHOU HSIANG, CHANG-HSIEN, TAIWAN, REPUBLIC OF CHINA

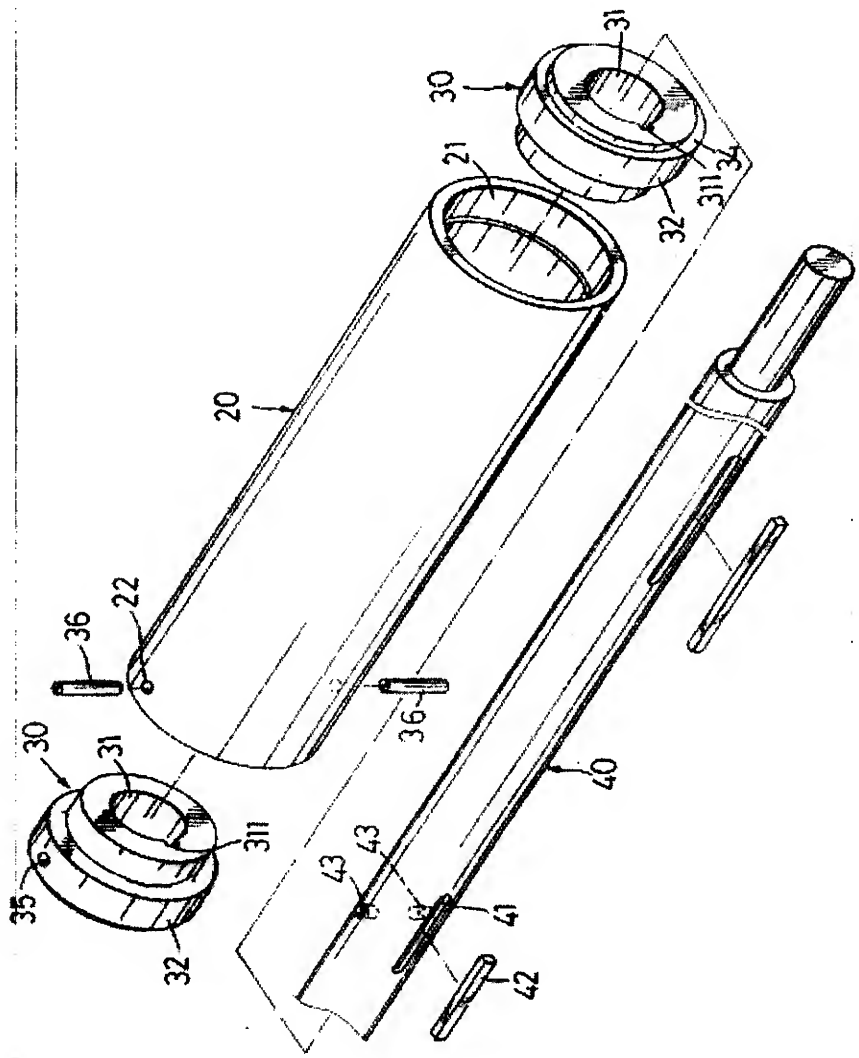
Inventor : YUNG-CHI YANG.

Application no. 2253/CAL/96 FILED ON 27.12.196

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

2 CLAIMS.



A conveying roller for a carburizing furnace comprising:

a cylindrical tube (20) having two open ends (21), two plug members (30) fixed respectively in said open ends (21) of said cylindrical tube (20), and a central hole (31) formed axially therethrough; and

a rotary shaft (40) extending through said central holes (31) of said plug members (30) and said cylindrical tube (20), characterized by:

said cylindrical tube (20) further having two aligned radial holes (22) formed adjacent to one of said open ends (21), each of said plug members (30) having a cylindrical body (32) which engages fittingly an internal face of said cylindrical tube (20), one of said plug members (30) having two aligned radial holes (35) formed therein and aligned with said radial holes (22) of said cylindrical tube (20), said rotary shaft (40) having two opposed radial holes (43) formed therein and aligned with said radial holes (35, 22) of said one of said plug members (30) and said cylindrical tube (20), two locking pins (36) each of which extends into and engaging a respective one of said radial holes (22, 35, 43) of said cylindrical tube (20), said one of said plug members (30), and said rotary shaft (40) so that said rotary shaft (40) engages fixedly said one of said plug members (30), thereby permitting rotation of

Said cylindrical tube (20) with said rotary shaft (40).

Complete Specifications : 9 pages. Drawings: 4 sheets

Ind.Cl : 39 (O)

191468

Int.Cl[4] : C 09 C 1/30 C 11 D 3/12 A 01 N 25/08

Title : A PROCESS FOR THE PREPARATION OF THE PARTIALLY HYDROPHOBIC PRECIPITATED SILICA.

Applicant : DEGUSSA AG., OF BENNIGSENPLATZ 1, D-40474 DUSSELDORF, GERMANY.

Inventor : 1. HEINZ-GUNTER LUX.
2. KARL MEIER.
3. ASTRID MULLER.
4. ROLF OELMULLER
5. ANJA RAMB.

Application no. 475/CAL/97 FILED ON 17.03.1997

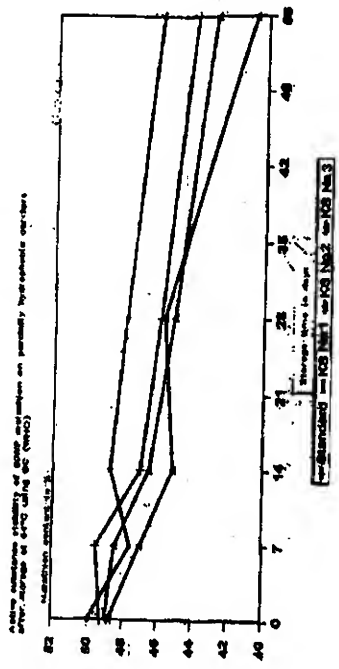
(CONVENTION NO. 19612501-4 FILED ON 29.03.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

A process for preparation of the partially hydrophobic precipitated silica characterised in that, to obtain the desired degree of water-repellence, the requisite amount of water-repellent agent such as silicone oil is mixed using high shearing forces with precipitated silica suspension prepared using a known process according to a given ratio with very short residence time and low pH value, filtering off the water-repellent agent containing precipitated silica suspension and washing this free of salt, drying the precipitated silica filter cake homogeneously mixed with water-repellent agent using a known process, providing thermic post-treatment or tempering and then carrying out mechanical or radiation milling.



Complete Specifications : 29 pages. ***Drawings: 8 sheets***

Ind.Cl : 172 D 2 (XX) **191469**

Int.Cl[4] : B 65 H 67/08

Title : A WINDING STATION IN A TEXTILE MACHINE FOR REWINDING YARN FROM SPINNING COPS ONTO YARN CHEESES.

Applicant : W. SCHLAFHORST AG & CO. OF POSTFACH 100435, D-41004 MONCHENGLADBACH, GERMANY.

Inventor : 1. HERBERT RUSKENS.
2. LEO THOLEN.

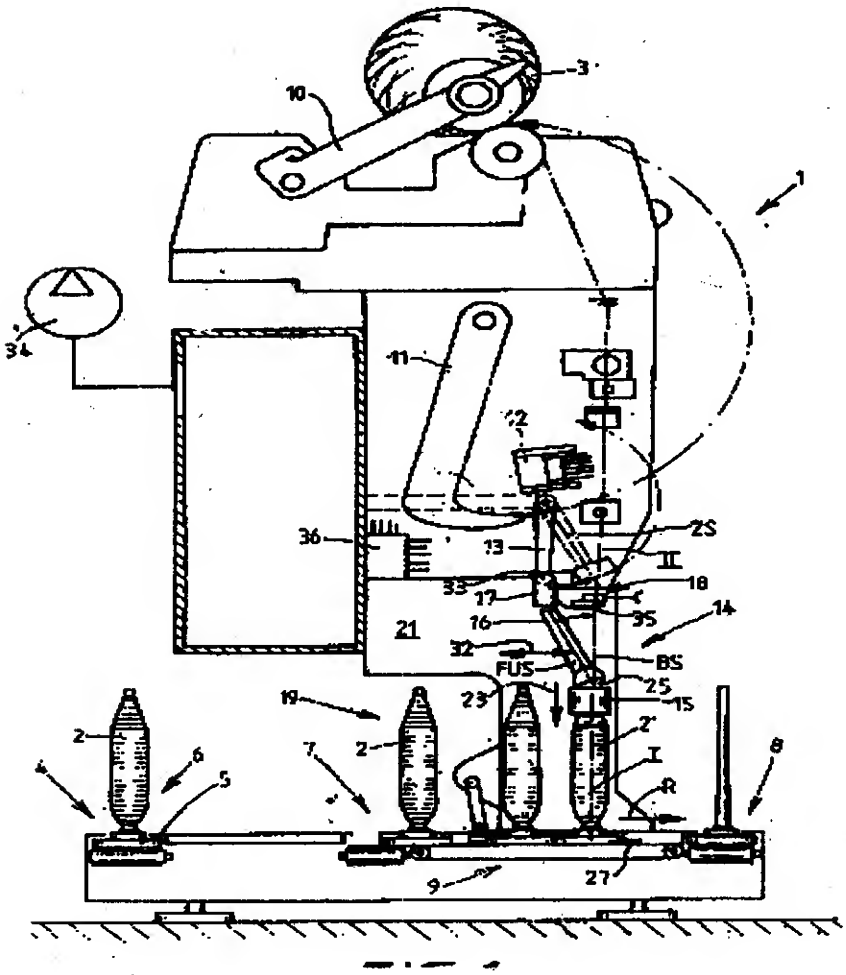
Application no. 562/CAL/1997 FILED ON 31.03.1997

(CONVENTION NOS. P19617469.4 AND P19617525.9 FILED ON 02.05.1997 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

30 CLAIMS.



A winding station in a textile machine for rewinding yarn from spinning cops onto yarn cheeses, the winding station comprising:

(a) a yarn splicing device for joining a yarn from a spinning cop with a yarn from a cheese,

(b) a gripper tube chargeable with suction air and manipulable to place the yarn from the spinning cop into the splicing device,

(c) a yarn end pick-up and transfer device disposed directly in the area of a spinning cop unwinding position of the winding station for picking up a leading end of the yarn from the spinning cop to be rewound and transferring the cop yarn end to the gripper tube,

(d) a yarn control and cutting device disposed in front of the yarn splicing device in a predetermined yarn path to cooperate with the yarn end pickup and transfer device, the yarn end pick-up and transfer device being adapted for threading the leading end of the yarn from the spinning cop into the yarn control and cutting device, and

(e) the yarn end pickup and transfer device comprising a suction fitting positioned outside the predetermined yarn path wherein the yarn control and cutting device is disposed forwardly of the suction fitting, the suction fitting and the gripper tube being selectively dockable with one another, and means for pneumatically loosening and transporting the leading end of the yarn from the spinning cop to the suction fitting, the yarn end pickup and transfer device being repeatably actuable for loosening and transferring the cop yarn end.

Complete Specifications : 8 pages. Drawings: 6 sheets

Ind.Cl : **191470**

Int.Cl[4] : C 25 C 1/00, 7/00 , 7/08

Title : METHOD AND APPARATUS FOR AUTOMATED STRIPPING OF ELECTRO DEPOSITED ZINC SHEETS FROM ALUMINIUM CATHODE BASE PLATES.

Applicant : FALCONBRIDGE LIMITED, OF SUITE 1200, 95, WELLINGTON ST. WEST, TORONTO, ONTARIO, CANADA M5J2V4

Inventor :
1. VICTOR E. ROBINSON
2. MARC. J BOISSONEAULT.
3. JOHN W. DAGG.
4. GASTON A. GIRARD.
5. DARRYL J. MOUSSEAU.
6. DAVID A. DELUCA.

Application no. 1044/CAL/97 FILED ON 04.06.1997

(CONVENTION NO. 2,178,776 FILED ON 11.06.1996 IN CANADA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

***29* CLAIMS.**

Apparatus for automated stripping of electrodeposited zinc sheets from aluminum cathode base plates comprising :

(a) an elongated supporting frame (26) at an upper area of which means are provided for supporting headbars (34) of a plurality of cathodes (30) so that said cathodes hang vertically in parallel alignment with one another, said cathodes comprising the aluminum cathode base plates (37) with the zinc sheets (38) electrodeposited on each side thereof ;

(b) a stripping mechanism comprising a carriage framework (21) mounted for linear movement at one side of said elongated supported frame, said stripping mechanism comprising a single pivotable stripping arm assembly (56) carried by said carriage framework, said stripping arm assembly having a pair of guide arms (56a, 56b) separated by a gap of sufficient width to allow each cathode

base plate to penetrate into said gap, and having, at the outer free ends of said guide arms, a pair of stripping knives (70a, 70b) with blades (71a, 71b) capable of wedging between said cathode base plate and said zinc sheets on each side of the cathode when the stripping arm assembly is swung towards and meets a side edge of the cathode, with each knife thereafter penetrating between the cathode base plate and the zinc sheet on each side of the cathode ;

(c) means for linearly moving said carriage framework (21) along the side of said elongated supporting frame (26) and for automatically stopping said carriage framework and positioning said stripping arm assembly (56) in alignment with each successive cathode (30) ;

(d) means for automatically pivoting said stripping arm assembly (56) at each stop of the carriage framework (21) from an initial, generally vertical,

position towards an upper portion of the side edge of the cathode, so that the blades (71a, 71b) of the stripping knives (70a, 70b) wedge between the cathode base plate (37) and the zinc sheets (38) when said blades come in contact with the cathode, and for continuing the pivoting of said arm assembly until the zinc sheets are separated from the cathode base plate and fall by gravity to a bottom area of the elongated supporting frame, and then for returning said arm assembly to its original position ; and

(e) means at the bottom area of the supporting frame (26) for removing the zinc sheets that have fallen after separation from the cathode base plates.

Complete Specifications : 40 pages. *Drawings: 7 sheets*

Ind.Cl : 15C , 120 B1 **191471**

Int.Cl[4] : F 16 C , 33/10 , 33/66 17/00 23/00 23/10

Title : A PLANAR THRUST BEARING ASSEMBLY

Applicant : HARNISCHFEGER TECHNOLOGIES INC. OF SUITE 3001, 3513 CONCORD PIKE WILMINGTON, DELAWARE 19803, U.S.A

Inventor : HARVEY JOHN KALLENBERGER

Application no. 900/CAL/96 FILED ON 17.05.1996

(CONVENTION NO. 08/459, 709 FILED ON 02.06.1995 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

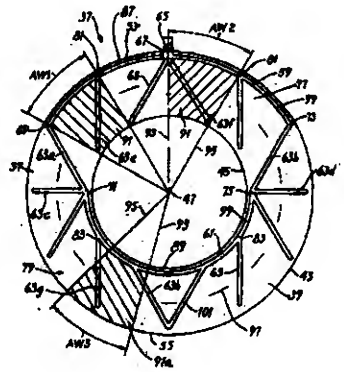
A planar thrust bearing assembly comprising:

a) A bearing angular to a horizontal plane and having a bearing centre and a region of highest elevation above such plane, and

b) A load-support structure oscillating on the bearing, said bearing having a plurality of lubrication grooves, characterised in that :

- Said bearing is provided with a lubricant feed aperture at said region;
- Said grooves are connected to the aperture; and
- At least one of the said grooves intersects a circular groove concentric with said bearing centre

Whereby said grooves are gravity-fed with lubricant.



Complete Specifications : 19 pages. ***Drawings: 6 sheets***

191472

Ind.Cl : 26

Int.Cl[4] : B 60 S 1/34

Title : AN IMPROVED DRIVE ARM ASSEMBLY FOR WIPER BLADES.

Applicant : TRICO PRODUCTS CORPORATION, OF 817 WASHINGTON STREET BUFFALO, NEW YORK 14203-1298, UNITED STATES OF AMERICA.

Inventor : PETER MUNROE SMITH.

Application no. 1878/CAL/96 FILED ON 28.10.1996

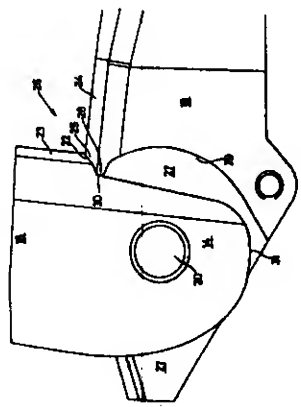
(CONVENTION NO. PN6201 FILED ON 26.10.1995 IN AUSTRALIA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

An improved drive arm assembly for wiper blades comprising a pivot connection (26) between two pivotally liked members, being respectively a drive head (11) and a drive arm (13) of a wiper drive arm assembly (10), said pivot connection comprising laterally disposed side wall portions (16,17, 18,19) on said drive arm (13) disposed to be pivotally connected about the sides of the said drive head (11) and stop means (28,30) acting between said members (11, 13) in lateral side zones to limit relative pivoting movement between said members (11,13) to an extent such that a rear edge (22) of a stop surface (23) of said drive arm (13) located and extending between said laterally disposed side wall (16,17) portions, does not contact a central zone of a top wall (24) of said drive head (11) in a locked back position of said drive arm (13)



Complete Specifications : 10 pages. ***Drawings: 4 sheets***

Ind.Cl : $163\ B_3$ **191473**

Int.Cl[4] : F 01 C , 1/04

Title : A DISPLACEMENT TYPE FLUID MACHINE.

Applicant : HITACHI, LTD. OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventor :
1. HIROKATSU KOSOKABE.
2. MASAHIRO TAKEBAYASHI.
3. HIROAKI HATA.
4. KOICHI INABA.
5. ISAO HAYASE.
6. KENJI TOJO

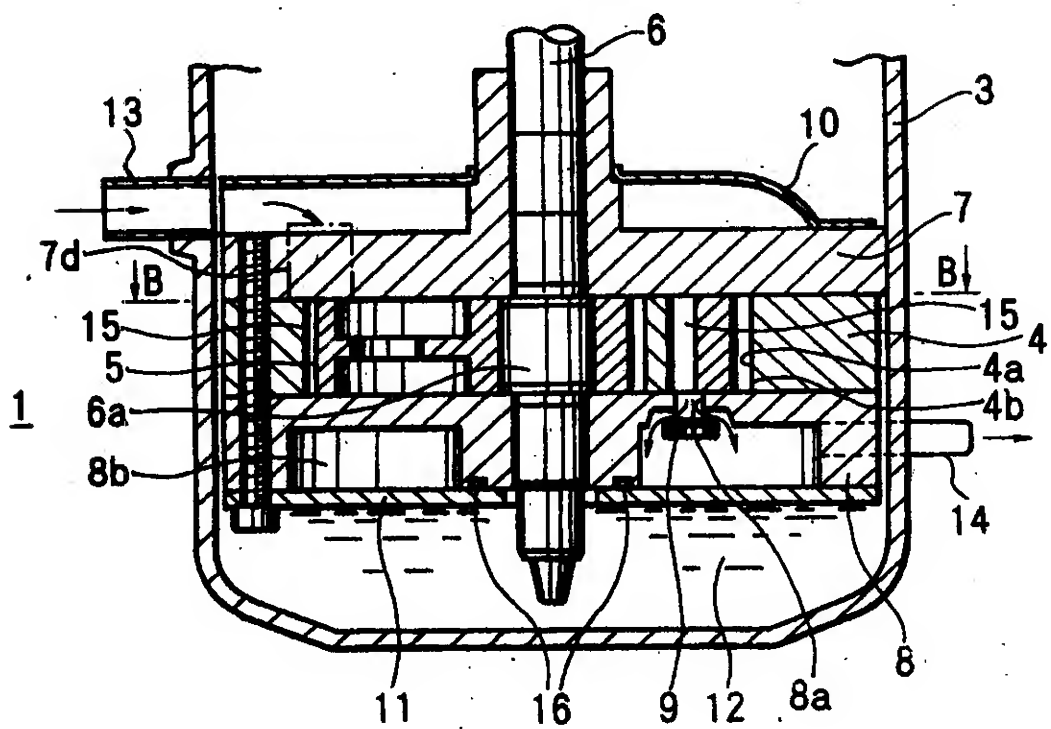
Application no.163/CAL/97 FILED ON 28.01.97

(CONVENTION NO. 08-014995 FILED ON 31.01.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.



A displacement type fluid machine comprising:

a cylinder (4) having an inner wall surface (4a) whose section shape comprises a continuous curve and having a plurality of extrusions (4b) extruded inwardly of said cylinder;

a displacer (5) having an outer wall surface whose section shape comprises a continuous curve, said displacer being provided within said cylinder so that said outer wall surface of said displacer faces said inner wall surface of said cylinder;

end plates (7, 8) closing both end openings of said cylinder;

a rotating shaft (6) around a center of rotation of which said displacer orbits;

wherein the inner and outer wall surfaces are shaped such that one space would be provided between the inner wall surface of said cylinder (4) and the outer wall surface of said displacer (5) if a center (o) of said displacer (5) is located on the center (o') of rotation of said rotating shaft (6), and a plurality of spaces (15) are formed between the inner wall surface and the outer wall surface when a positional relationship between said displacer (5) and said cylinder (4) is located on a center of orbit;

suction ports (7a) communicating with the plurality of spaces (15); and

discharge ports (8a) communicating with the plurality of spaces (15);

characterized in that

the curves of the inner wall surface (4a) of said cylinder (4) and the outer wall surface of said displacer (5) are shaped so that said suction ports (7a) do not communicate with said

Discharge ports (8a) through said plurality of spaces (15) and so that two spaces (15) which are adjacent with respect to one of said discharge ports (8a) which is discharging working fluid suck working fluid from different suction ports (7a).

Complete Specifications : pages. Drawings: sheets

Ind.Cl : **191474**

Int.Cl[4] : C 03 B 37/018

Title : AMETHOD FOR MANUFACTURING ERBIUM-DOPED OPTICAL FIBERS USABLE AS OPTICAL AMPLIFIERS.

Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416 , MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.

Inventor : JIN-SEONG YANG.

Application no. 398/CAL/97 FILED ON 06-03-97

(CONVENTION NO. 9613/1996 FILED ON 30-03-97 IN KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

5 CLAIMS.

A method for manufacturing erbium-doped optical fiber usable as optical amplifiers, comprising the steps of :

a. connecting one end of a quartz tube to a connecting tube;

b. clamping said connecting tube in a clamping chuck of a lathe;

c. supplying a first amount of raw material, used for forming a clad layer, into said quartz tube;

d. rotating said quartz tube while simultaneously heating said quartz tube to form said clad layer;

e. supplying a second amount of said raw material, used for forming a core layer, into said quartztube, wherein said second amount is different from said first amount;

f. rotating said quartz tube while simultaneously heating said quartz tube to form said core layer on said clay layer;

g. closing the other end of the quartz tube;

h. separating the connecting tube alongwith the quartz tube from the clamping chuck;

i. injecting a solution containing erbium into the quartz tube, thereby absorbing the solution in the core layer of the quartz tube;

j. removing the solution from the quartz tube after a predetermined time period during which a desired amount of said solution is absorbed into said core layer;

k. reclamping said connecting tube alongwith the quartz tube to the clamping chuck;

opening again the closed end of the quartz tube after said reclamping step;

m. rotating said quartz tube while simultaneously injecting a large amount of gas into the quartz tube via said connecting tube;

n. heating the connecting tube by the heating source to a predetermined temperature, for heating the gas so as to dry said solution absorbed into said core layer;

o. rotating the clamping chuck to uniformly heat the quartz tube, during the drying the solution absorbed in the core of the quartz tube;

p. softening the quartz tube by heating said quartz tube after said solution is dried, while rotating said quartz tube; and

q. collapsing said quartz tube to form a condensed doped optical fiber preform.

Complete Specifications : 19 pages. Drawings: 03 sheets

191475

Ind.Cl :

Int.Cl[4] : G 11 B 5/39

Title : A MAGNETORESISTANCE EFFECT HAVING A SPIN VALVE FILM.

Applicant : KABUSHIKI KAISHA TOSHIBA, OF, 72, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, KANAGAWA-KEN, JAPAN.

Inventor :
1. YUZO KAMIGUCHI.
2. KAZUHIRO SAITO.
3. HIDEAKI FUKUZAWA.
4. HIROMI FUKE.
5. HITOSHI IWASAKI.

Application no. 527/CAL/97 FILED ON 25.03.1997

(CONVENTION NOS. 8-0734034 AND 8-109067 FILED ON 28.6.96 AND ON 30.04.1997)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

18 CLAIMS.

A magnetoresistance effect element having a spin valve film (57) comprising:

a first magnetic layer (2,22,52) comprising a ferromagnetic film (2-1, 22-1, 52-1) containing Co and a magnetic film (2-2, 22-2, 52-2);

a second magnetic layer (4, 24, 54); and

a non-magnetic layer (3,23,53) disposed between said first (2,22,52) and second (4,24,54) layers,

characterized in that said magnetic film (2-2, 22-2, 52-2) is one selected from a soft magnetic material film formed of one kind of soft magnetic material and a laminated soft magnetic material film formed of at least two kinds of soft magnetic materials, said magnetic film (2-2, 22-2, 52-2) satisfying the following conditions:

$$\Sigma(Ms \times d \times Hk) > 30 \ (T \times nm \times Oe),$$

where Ms represents the magnetization of the magnetic film, d represents the thickness of the magnetic film, and Hk represents the anisotropic magnetic field of said magnetic film.

Complete Specifications : 57 pages. *Drawings: 7 sheets*

Ind.Cl :

191476

Int.Cl[4] : C 08 L 9/00 , 73/00 , 23/04, 33/04, 35/00 B 32 B – 27/08

Title : POLYOLEFIN COMPOSITION FOR HEAT-SEALABLE FILM HAVING CONTROLLED PEEL STRENGTH.

Applicant : MONTELL TECHNOLOGY COMPANY BV, OF HOEKSTEEN 66, 2132 MS HOOFDDORP , THE NETHERLAND.

Inventor : 1. MARTINE MECHELAERE.
2. RALF NICKLES.

Application no. 812/CAL/97 FILED ON 05.05.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

5 CLAIMS.

Polyolefin composition for heat-sealable film having controlled peel strength, comprising:

A) from 20 to 50% by mass of low density polyethylene, high density polyethylene or ethylene-vinylacetate copolymer having melt flow rate higher than 0.3 g/10 min at 190°C with a load of 2.16 kg according to the standard ISO 1133;

B) from 50 to 80% by mass of an olefin polymer selected from the group consisting of:

(*i*) a random copolymer B1 of propylene with a CH_2=CHR alkene, where R is an alkyl group containing from 2 to 6 carbon atoms, containing also from 0.5 to 6% by mass of ethylene, the amount of said CH_2=CHR alkene in copolymer B1 being from 7 to 40% by mass;

(*ii*) a composition comprising copolymer B1 and a random copolymer B2 of propylene with ethylene containing up to 10% by mass of ethylene;

(*iii*) a composition comprising copolymer B1 and a propylene homopolymer; and

(*iv*) a composition comprising copolymer B1 and a mixture of copolymer B2 with a propylene homopolymer;

wherein the relative amount of copolymer B1 in (*ii*), (*iii*) and (*iv*) with respect to the total mass of B is at least 20%; and

C) from 1 to 20% by mass of an olefin copolymer selected from the group consisting of:

C1) copolymers of propylene with one or more CH_2=CHR alkenes, where R is an alkyl group containing from 2 to 6 carbon atoms, containing from 45 to 60% by mass of said alkenes CH_2=CHR and copolymers of propylene with one or more of the said alkenes CH_2=CHR and with ethylene containing from 45 to 60% by mass of said alkenes CH_2=CHR and from 0.5 to 6% by mass of ethylene; and

C2) copolymers of ethylene with one or more CH_2=CHR' alkenes, where R' is an alkyl group containing from 1 to 6 carbon atoms, containing from 20 to 80% by mass of ethylene, containing from 0 to 30% by mass of a fraction

insoluble in xylene at 25°C; and copolymers of ethylene with one or more of said alkenes $CH_2=CHR'$ containing from 20 to 80% by mass of ethylene and from 1 to 10% by mass of a diene, containing from 0 to 30% by mass of a fraction insoluble in xylene at 25°C; and

C3) saturated or unsaturated block copolymers, linear or branched, containing at least one comonomer selected from butadiene, butene, ethylene and neoprene.

Complete Specifications : 39 pages. *Drawings: NIL*

Ind.Cl : 206 E. **191477**

Int.Cl[4] : G 06 K 19/077 , H 05 K 1/18

Title : SMART CARD MODULE CONTAINING THIS MODULE AND METHOD FOR PRODUCING THE SAME.

Applicant : 1. SIMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY
2. PAV CORD GMBH OF HAMBURGER STR 6 , 22952 LUETJENSEC GERMANY.

Inventor : 1. DR. DETLEF HOUDEAU.
2. ROBERT WILM.

Application no. 1442/CAL/97 FILED ON 04.08.1997

(CONVENTION NO. 19632813.6 FILED ON 14.08.1996 IN GERMANY)

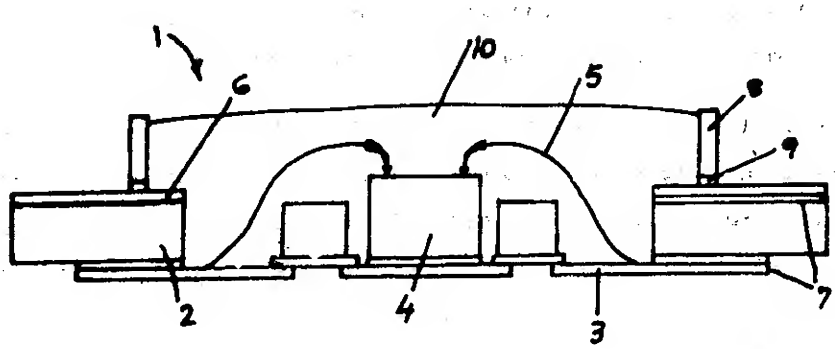
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

20 CLAIMS.

Smart card module (1) comprising a carrier (2) with a first contact level (3) a semi-conductor chip (4) as well as electrically conductive connection (5) between semi-conductor chip and first contact level, characterised in that

On the side of said carrier (2) lying opposite to said first contact level (3) an additional connection level (6) is arranged and is electrically conductively connected to said semi-conductor chip (4).



Complete Specifications : 13 pages. ***Drawings: 1 sheet***

Ind.Cl : 32 F **191478**

Int.Cl[4] : C 07 D 305/14

Title : A PROCESS FOR THE PREPARATION OF (4S,5R) -3-N-(PROP- 2-YNYLOXY) CARBONYL – 2, 2-DIMETHYL-4-PHENYL-5-OXAZOLIDINE CARBOXYLIC ACID AND THEIR STREOISOMERS.

Applicant : DABUR INDIA LIMITED, OF D-35 INDUSTRIAL AREA, KALYANI, , INDIA 741235, INDIA.

Inventor : 1. ARUN PRAKASH SHARMA.
2. SUBRATA SARKAR.

Application no. 552/CAL/2000 FILED ON 25.9.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

A process for the preparation of (4S, 5R)-3-N-(prop-2-ynyloxy)carbonyl-2,2-dimethyl-4-phenyl-5-oxazolidine carboxylic acid and their streoisomers comprising:

i) reacting isoserine preferably (0.11-0.138 mol) phenylisoserine with a reagent selected from propargyl chloroformate or substituted propargyl chloroformate (0.168-0.21 mole) in presence of alkaline bicarbonate such as sodium bicarbonate to undergo condensation to produce compound of formula 4 ie N-(alk-2-ynyloxy) carbonyl isoserine, the condensation is carried out by addition of chloroformate into the solution of phenylisoserine in aqueous bicarbonate at 0-10 °C over a period of 5 to 30 min, most preferably 10-15 min;

ii) reacting (19.0-26.6 mmol) N-(alk-2-ynyloxy) carbonyl isoserine of formula 4 with (3.2-5.0 ml) alcohol such as menthonal activating agent (38.0-50.0 mmol) such as carbonyl - diimidazole or dicyclohexylcarbodiimide most preferably carbonyldiimidazole to undergo esterification to produce the compound of formula 5 ie N-(alk-2-ynyloxy) carbonyl isoserine wherein esterification is carried out by first mixing acid such as herein described with the activating agent for 0.5 to 6 hours at 0 to 25°C, then the alcohol is introduced in the mixture over a period of 10 to 60 min. most preferably 30 min and the mixing is done for 1 to 6 hours, most preferably 2 hours;

iib) alternatively reacting formula-4(19.0-26.6mmol) with haloalkane such as iodomethane (38.0-53.0 mmol) in presence of alkaline carbonate preferably potassium carbonate (38.0-53.0mmol) and alkyl ketone preferably acetone to undergo esterification to produce the compound of formula-5, the esterification is carried out by mixing acid such as herein described, alkyl ketone and halomethane then the mixture specify is heated at 40—60ºC preferably 50ºC over a period of 2—10 hours most preferably 6 hours:

iii) reacting (18.0-25.2 mmol) N-(alk-2-ynyloxy) carbonylisoserine ester of formula- 5 with a (0.36-0.5 mole) reagent selected from alkoxyalkene, gem-dialkoxy-substituted alkane or 1,1,1-trialkoxyalkane in the presence of a catalyst such as pyridinium p-toluenesulfonate and p-arylsulfonic acid, the most preferred catalyst is pyridinium p-toluenesulfonate to produce the compound of formula 6;

iv) reacting (11.0-12.5 mmol) 3-(alk-2-ynyloxy) carbonyl-5-oxazolidine carboxylic acid ester of formula 6 with (45 mmol-55 mmol) alkali hydroxide or carbonate and mineral acid to undergo ester hydrolysis to form compound of formula 7, the hydrolysis is effected by mixing a solution of ester in alcohol with Aq.alkali hydroxide, the most preferred alcohol is methanol and alkali hydroxide is sodium hydroxide, the mixing is done for 1 to 6 hours most preferably 3 hours, after the hydrolysis is over the reaction mixture is acidified to pH 6 to 3, most preferably 4.5, the acid of formula 7 is isolated by extraction with dichloromethane;

(v) coupling the compound (6.6-7.26 mmol) of formula 7 with (2.56-2.85) taxane 8 to produce product of formula 9.

Complete Specifications : 17 pages. *Drawings: NIL*

Ind.Cl :

191479

Int.Cl[4] : A 61 K 38/06, 38/07, 38/08, C 07 K 7/06

Title : A METHOD OF MAKING SUSTITUTED PEPTIDES OR SALT THEREOF WITH ANTIDEPRESSANT ACTIVITY.

Applicant : INNAPHARMA, INC, OF 75, MONTEBELLO ROAD, MONTEBELLO PARK, SUFFERN, NEW YORK 10901, UNITED STATES OF AMERICA.

Inventor : 1. HENRY ABAJIAN BAXTER.
2. JOHN NOBLE FOWLER.
3. JOSEPH HLAVKE JOHN.

Application no. 198/CAL/2001 FILED ON 04.04.2001.

(CONVENTION NO. 08/432, 651 FILED ON 02.05.1995 IN U.S.A.)

(DIVIDED OUT OF NO. 786/CAL/96 ANTEDATED TO 01.05.1996.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

2 CLAIMS.

A method of making substituted peptides or salt thereof, with antidepressant activity, having a general formula (4) :

$$R^1\text{-}AA^1\text{-}R^2\text{-}Pro^1\text{-}AA^2\text{-}AA^4\text{-}Gly\text{-}AA^3\text{-}R \qquad (4)$$

Where Pro^1 is the amino acid Pro or dehydro-Pro; AA^1 is the amino acid Phe or Tyr; AA^2 is selected from the group consisting of Leu, Ile, Arg, D-Arg, and Trp; AA^3 is the amino acid Trp; AA^4 is the amino acid Gly or Ile; R is selected from the group consisting of a carboxyl group, hydroxyalkyl group, a carbamyl group, an alkylcarbamyl group and an alkoxycarbonyl group; and, R^1 and R^2 are each independently selected from the group consisting of a hydrogen atom, a lower alkyl group having 1 to 3 carbon atoms, a fluorine atom a chlorine atom, a cis-or trans-4-OH- group, a sulphydryl group, and a alkylamino or dialkylamino group,which method comprises providing an amide resin, removing Fmoc blocking groups from the amide resin, adding appropriate Fmoc-amino acids, such as herein described, to the resin to form a peptide having a desired amino acid sequence, and cleaving the peptide-resin bond.

Complete Specifications : 90 pages. *Drawings: 3 sheets*

Ind.Cl :

191480

Int.Cl[4] : A 47 J 27/04 A 23 L 1/00

Title : A PROCESS FOR OBTAINING IMPROVED QUALITY OF EDIBLE GERMINATED BROWN RICE HAVING EXCELLENT MOUTH FEEL AND SHELF-LIFE STABILITY.

Applicant : FANCL CORPORATION, OF 109-1 IIJIMA-CHO, SAKAE-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN.

Inventor :
1. AOTO HOROMICHI.
2. SUGINO TOMOMI.
3. SHINMURA HIROTO.
4. MIZUKUCHI AYA.
5. KISE MITSUO
6. TERAMOTO SACHIYUKI
7. SOMEYA SACHIKI.
8. TSUCHIYA KEIKO.
9. ISHIWATA KENICHI

Application no. 313/CAL/2001 FILED ON 25.05.2001

(CONVENTION NOS. 2000-173795 , 2000-279469 AND 2000-366465 FILED ON 09.06.2000 , 14.9.2000 AND ON 01.12.2000 IN JAPAN RESPECTIVELY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A process for obtaining improved quality of edible germinated brown rice having excellent mouth feel and shelf-life stability, and which can be easily cooked without impairing its original nutritive value, said method comprising the steps of :

a) Germinating brown rice in the manner such as herein described;

b) Subjecting the germinated brown rice, so obtained in step (a), to a heat moisture/steaming treatment for 3 seconds to 30 minutes under the condition of 0.1 – 7 kg/cm^2, and removing water attached to the surface of the germinated brown rice, so obtained , to an extent that the germinated brown rice becomes an almost single kernel state; and

c) Drying in the manner , such as herein described, the germinated brown rice so as to obtain improved quality of germinated brown rice having water content of 10 to 18% by mass and having a degree of gelatinization of 5 to 50 %.

Complete Specifications : 28 pages. ***Drawings: NIL.***

191481

Indian Classification	:	55 D
International Classification[7]	:	C 07 C 211/00, C 09 B 33/00
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 4,4' DIAMINOBENZANILIDE (DABA)."
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH.** Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)
Inventors	:	SURESH NARAYAN MATHUR MAKINENI PANDURANGA RAO DATTARAY MANOHAR AKKEWAR LINGAIAH NAGARAPU CHANDRA SHEKHAR BOREDA ALL INDIAN.

Application for Patent Number 1090/Del/99 filed on 10.08.99.

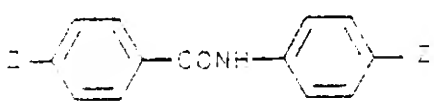
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(3 Claims)

An improved process for the preparation of 4,4'-diaminobenzanilide (DABA) having formula 1 of the drawing accompanying the specifications where Z=NH_2 which comprises:

(iii) reducing 4,4-dinitrobenzanilide of the formula 1 where Z =NO_2 of the drawing accompanying the specifications with hydrazine hydrate in a molar ratio of 1:4,

(iv) adding graphite or carbon black as catalyst in 1:1 molar ratio by wt and solvent selected from alcohol $C_2 - C_5$ carbon atoms at refluxing temperature and recovering DABA by evaporating and recovering graphite or carbon black by filteration it desired.



1. Z = NO_2, NH_2

FORMULA 1

Indian Classification	:	55 E	**191482**
International Classification[7]		A 61 K 9/14	
Title	:	"A PROCESS FOR THE PREPARATION OF A NOVEL PHARMACEUTICAL COATING COMPOSITION"	
Applicant	:	RANBAXY LABORATORIES LIMITED, a company Incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi- 110 019, India	
Inventors	:	GOUR MUKHERJI MANOJ KUMAR HIMADRI SEN ALL INDIAN	

Application for Patent Number 454/Del/99filed on 19.03.99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(7 Claims)

A process for the preparation of a pharmaceutical coating composition used for coating of a pharmaceutical core having a drug comprising:

a) adding at least one film forming polymer in the range of 0.1 to 30% dry weight based on the total weight of the core, to aqueous or non aqueous solvent to obtain a solution or dispersion.

b) adding at least one swellable polymer in the range of 0.1 to 20% based on the total weight of said film forming polymer, to aqueous or non aqueous solvent to obtain a solution or dispersion.

c) adding solution or dispersion of step a) and b) in either order to obtain a mixture, and

d) optionally adding 100 to 200% of lubricants, 1 to 40% plasticizers and 30 to 100% of channeling agents by weight of film forming polymers measured as dry weight to the mixture of step c).

(COMPLETE SPECIFICATION 14 SHEETS DRAWING SHEETS –NIL)

Indian Classification	:	32 F3	**191483**
International Classification[7]	:	C07D 323/06	
Title	:	"A PROCESS FOR THE PREPARATION OF SUBSTITUTED 1,2,4- TRIOXANES."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	CHANDAN SINGH - INDIAN RANI KANCHAN – INDIAN SUNIL KUMAR PURI - INDIAN	

Application for Patent Number 1558/Del/99 filed on 21st Dec. 1999.

Appropriate office for opposition proceedings (Rule 4; Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(9 Claims)

A process for the preparation of substituted 1,2,4-trioxanes of general formula 7 wherein R represents 2-fluorenyl, 2-phenanthrenyl, 3-phenanthrenyl, R_1 and R_2 represent hydrogen, alkyl group such as methyl, ethyl, propyl, isopropyl, aryl such as phenyl, p-fluorophenyl or part of a cyclic system such as cylopentane, cyclohexane, bicyclo (2.2.1) heptane, adamantane which comprises reaction of aryl methyl ketone of formula 1, wherein R represents 2-fluorenyl, 2-phenanthrenyl or 3-phenanthrenyl, with haloacetate such as ethyl brompacetate, ethyl chloroacetate and Zn in presence of catalytic amount of I_2 in an aprotic organic solvent as herein described in the temperature range of 25°C to refluxing temperature to give β-hydroxyesters of formula 2, wherein R has the same meaning as above; dehydrating β-hydroxyesters of formula 2 using dehydrating catalyst in an aprotic organic solvent as herein described at 25°C to refluxing temperature to give a χ, β-unsaturated esters of the formula 3, wherein R has the same meaning as above; reducing esters of formula 3 with a metal hydride selected from $LiAlH_4$ in

an ether solvent as herein described in the tempe ature range of 0°C to25°C to give allylic alcohols of the formula 4, wherein R has the same meaning as above; photooxygenating the allylic alcohols of formula 4 in presence of sensitizer in an organic solvent as herein described in the temperature range of -10°C to 25°C to give β-hydroxyhydroperoxides of formula 5, wherein R has same meaning as above; isolating and then reacting or reacting in situ the β-hydroxyhydroperoxides of the formula 5 with an aldehyde/ketone of the general formula 6, wherein R_1 and R_2 represent hydrogen, alkyl group such as methyl, ethyl, propyl, isopropyl, aryl such as phenyl, p-fluorophenyl or part of a cyclic system such as cyclopentane, cyclohexane, 2-bicyclo(2.2.1)heptane, adamantane in presence of an acid catalyst in an aprotic organic solvent as herein described in a temperature range of 0°C to room temperature, isolating from the reaction mixture the trioxanes of general formula 7 wherein R, R_1 and R_2 have the same meaning as above and purifying by known methods.

(Complete Specification 21 Pages Drawings Nil Sheet)

Indian Classification	:	55 E 4 **191484**
International Classification[7]	:	A61K 35/78
Title	:	"A PROCESS FOR THE PREPARATION OF A HERBAL COMPOSITION FOR IMPROVING MENTAL CAPABILITIES."
Applicant	:	MAHARAJ KRISHNA PANDITA, an Indian National of Dalmia Industries ltd., 8-A, Atma Ram House, 1 Tolstoy Marg, New Delhi-110 001 and DALMIA CENTRE FOR BIO-TECHNOLOGY, registered under Societies Registration Act, 1860 having its office at 9/30-C, Siruvani Main Road, Kalampalayam, Coimbatore-641010, Tamil Nadu.
Inventors		MAHARAJ KRISHNA PANDITA - INDIAN GOVIND PRASAD DUBEY - INDIAN

Application for Patent Number 146/Del/ 99 filed on 25th Jan. 99.
Complete left after provisional on 7.4.2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for the preparation of a herbal composition for improving mental capabilities which comprises in mixing with every 10 ml of syrup, a memory enhancement agent selected from an extract of Becoppa monnieri in the amount of 100-500mg, Centella asiatica present in the amount of 10-500 mg., Acorus calamus 7.5-25 mg., and known additives selected from stabilizers, anticaking agents, flavouring agents, sweetening agents, thickening agents, preservatives and colouring agents.

(Provisional Specification 11 Pages ; Drawings Nil Sheets)
(Complete Specification 13 Pages ; Drawings Nil Sheets)

Indian Classification	:	55 E_4
		191485
International Classification[4]	:	A 61 K 31/00
Title	:	**"PROCESS FOR THE PREPARATION OF A FAST DISSOLVING PHARMACEUTICAL COMPOSITION IN SOLID DOSAGE FORM WITH PROLONGED SWEET TASTE".**
Applicant	:	**PANACEA BIOTEC LIMITED,** B-1 Ext./A-27, Mohan Co-op., Industrial Estate, Mathura Road, New Delhi-110 044 , an Indian company incorporated under the Companies Act, 1956.
Inventors	:	**AMARJIT SINGH-INDIAN RAJESH JAIN-INDIAN.**

Application for Patent Number 1515/DEL/99 filed on 30/11/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of a fast dissolving pharmaceutical composition in solid dosage form with prolonged sweet taste which comprises mixing the following ingredients:

a. Atleast one drug/pharmaceutically active agent such as herein described from 0.1 ti 99 weight.

b. Atleast one water soluable sugar, such as herein described in an amount of from 5 to 99 weight% of the total dosage form.

c. Atleast one non-sugar sweetner, such as herein described in their normal fast release form in an amount of from 0 to 10 weight % of the total dosage form.

d. Atleast one non-sugar sweetner, such as herein described in a mucoadhesive slow release form obtained as herein described in an amount of from 0.005 to 20 weight % of the total dosage form.

And compressing the resulting mixture obtained into tablets or any other solid dosage form.

(Complete Specification 53 Pages Drawing NIL Sheet)

Indian Classification	:	55 E 4	**191486**
International Classification[7]	:	A61K 35/78	
Title	:	"A PROCESS FOR PRODUCING A HERBAL COMPOSITION FOR IMPROVING MENTAL CAPABILITIES."	
Applicant	:	MAHARAJ KRISHNA PANDITA, an Indian National of Dalmia Industries ltd., 8-A, Atma Ram House, 1 Tolstoy Marg, New Delhi-110 001 and DALMIA CENTRE FOR BIO-TECHNOLOGY, registered under Societies Registration Act, 1860 having its office at 9/38-C, Siruvani Main Road, Kalampalayam, Coimbatore-641010, Tamil Nadu.	
Inventors		MAHARAJ KRISHNA PANDITA - INDIAN GOVIND PRASAD DUBE - INDIAN	

Application for Patent Number 111/Del/ 99 filed on 20th Jan. 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for producing a herbal composition for improving mental capabilities which comprises in adding and mixing with every 10 ml of a known syrup, 100 –500 mg of an extract of Becoppa monnieri, 10-500 mg of an extract of Centralla asiatica and 0.02-0.20 ml of Celestrus paniculatus oil and known additives selected from stabilizers, anti-caking agents, flavouring agents, sweetening agents, thickening agents and preservatives .

(Complete Specification 12 Pages ; Drawings Nil Sheets)

Indian Classification	:	32 E	**191487**
International Classification[7]	:	A61K 9/26	
Title	:	"A PROCESS FOR THE PREPARATION OF HIGHLY MONODISPERSED POLYMERIC HYDROPHILIC NANOPARTICLES WITH TARGETED MATERIALS."	
Applicant	:	THE SECRETARY, Department of Biotechnology, Block 2,(7-8 Floor), C.G.O. Complex, Lodhi Road, New Delhi-110 003, an Indian National and UNIVERSITY OF DELHI, DELHI.	
Inventors	:	AMAR NATH MAITRA - INDIAN TAPAS KUMAR DE – INDIAN SANJEEB SAHOO - INDIAN PRASANTA KUMAR GHOSH – INDIAN.	

Application for Patent Number 762/Del/99 filed on 20th May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(13 Claims)

A process for the preparation of highly monodispersed polymeric hydrophilic nanoparticles with targeted materials selected from thereapeutic and bioactive material such as herein described having a size of upto 100 nm with a high monodispersity comprising in the steps of:

i) dissolving a surfactant such as herein described in oil to obtain reverse micelles;
ii) adding an aqueous solvent of a monomer or preformed polymer such as biocompatible and nonantigenic materials to said reverse micelles and a known crosslinking agent, initiator and drug or a target substance, if required;
iii) subjecting such a mixture to the step of polymerization;
iv) drying the polymerized reaction product for removal of solvent to obtain dry nanoparticles and surfactant;
v) dispersing the dry mass in aqueous buffer to remove the unreacted materials;
vi) separating the surfactant and other toxic materials therefrom.

(Complete Specification 29 Pages Drawings 5 Sheet)

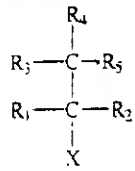
Indian Classification	:	32 F (3b)	**191488**
International Classification[7]	:	C07C 53/122	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 2-ARYL PROPIONIC ACIDS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAGHUNATH VITTHAL CHAUDHARI - INDIAN SEAYAD ABDUL MAZEED – INDIAN JAYASREE SEAYAD - INDIAN	

Application for Patent Number 683/Del/99 filed on 5th May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

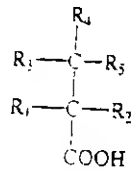
(10 Claims)

An improved process for the preparation of 2-aryl propionic acids which comprises reacting an arylalkyl halide having the general formula II,



Formula II

wherein, R, is aryl, substituted aryl, naphthyl or substituted naphthyl, R_2, R_3, R_4 and R_5 are independently hydrogen, alkyl, aryl, arylalkyl or cycloaliphatic with or without substituents and X may be any of the halogen atoms such as chlorine, bromine, iodine, an organic sulphonic acid, water, the palladium catalyst having formula I and a halide promoter in the range of 5 to 500 moles per mole of catalyst in an organic solvent such as ketones cyclic ethers in the carbon monoxide atmosphere under homogeneous conditions, at a temperature ranging between 30 to 130°C, for a period ranging between 0.3 to 4 hrs, at pressures ranging between 50 to 1500 psig, cooling the reaction mixture to ambient temperature, flushing the reaction vessel with inert gas, removing the solvent by conventional methods, separating the catalyst and isolating 2 aryl propionic acid of formula III.



Formula III

(Complete Specification 22 Pages Drawings 1 Sheet)

Indian Classification	:-	206 E	**191489**
International Classification[4]	:-	G 06F 3/00, 13/00	
Title	:-	"A Data Processing Apparatus"	
Applicant	:-	International Business Machines Corporation., of Armonk, New York 10504, United States of America.	
Inventors	:-	BOBBY JOE FREEMAN - U.S. JOHN MONROE DINWIDDIE - U.S. LONNIW EDWARD GRICE -U.S. JOHN MARIO LOFFREDO - U.S. KENNETH RUSSELL SANDERSON - U.S. GUSTAVO ARMANDO SUAREZ - U.S.	

Application for Patent Number 422/del/1995 filed on 13/03/1995

Convention Date 24/10/1989; 8923887.7; GB.

Divisional out of patent application No. 663/del/1990 filed on 29.6.90

Ante Dated to 29.6.1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 2)

A data processing apparatus comprising a first computing device having resources including at least first processor, main storage and input/output devices operated under the control of a first operating means for providing services such as resource allocation, scheduling, storage management, input/output control, error detection/isolation and recovery, dynamic configuration and data management using configuration tables identifying said resources characterized in that it includes: - a second computing device having at least a second processor operating under the control of a second operating means using resource configuration tables that lack data identifying the second computing device; - means for coupling first and second processors to each other, - means associated with said first computing devices for initiating and controlling and/or reinitiating and controlling at least certain of said services for said second computing device without utilizing said first operating means and in a manner indiscernible by said first operating means and - a logic means for uncoupling said first processor from said first computing device and coupling to said coupling means.

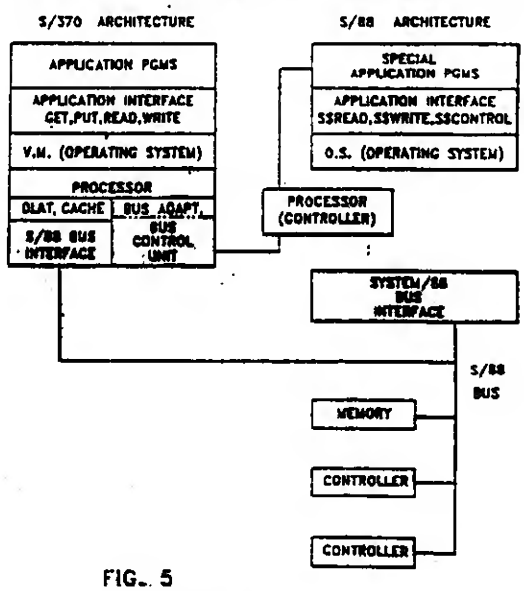


FIG. 5

Complete Specification No of Pages 256 Drawings Sheets 84

Indian Classification	:	160 C	**191490**
International Classification[7]	:	B 60 R 21/16	
Title	:	" AIRBAG - INFLATING APPARTUS "	
Applicant	:	AGA AKTIEBOLAG, S-181 81 LIDINGO, SWEDEN.	
Inventors	:	SVENSSON ORVAR - SWEDEN	

Application for Patent Number 1770/DEL/1995 filed on 27/09/1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(08 Claims)

An air bag inflating apparatus for inflating a flexible container comprising:

a flexible container (8) which filled with the gas instantaneously when the said flexible container is subjected to powerful retardation forces and functions as a force absorbing cushion which protects against injuries.

two receptacles (1&2) which is filled with the gas under high pressure, said pressure receptacles which are each closed by means of respective closure means as herein described and each of which has a respective connection conduit (3&4) which join the said pressure receptacles to the said flexible container, therein one pressure receptacle (1) filled with oxygen and inert gas, receptacle (2) filled with said inert gas and hydrogen wherein inert gas are helium, argon and /or nitrogen,

a conduit (5) which connects the said receptacles with the said flexible container when subjected to retardation forces,

a container holding device (7) and a retardation meter.

a ignition means as herein described for igniting the gas mixture in the flexible container. The pressure receptacles have mutually the same volumetric capacity.

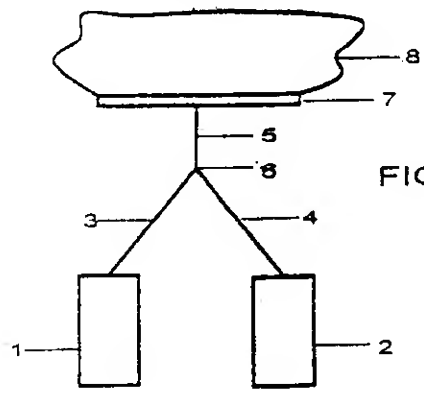


FIG. 1

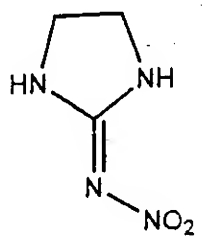
(COMPLETE SPECIFICATION 11 SHEETS DRAWING SHEETS – 01)

Indian Classification	:	32D **191491**
International Classification[4]	:	C 07C-004/02; 005/03
Title	:	**"AN IMPROVED PROCESS FOR THE PREPARATION OF 2-NITROIMINO-1,3-DIAZACYCLOPENTANE".**
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**VENKAT RAJ GOPAL** **VAIDYA JAYATHIRTHA RAO** **JAMPANI MADHUSUDANA RAO-** **ALL INDIAN.**

Application for Patent Number 1418/DEL/1999 filed on 27/10/1999.
Appropriate office for opposition proceedings (Rule 4, Patents Rules,.2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

An improved process for the preparation of 2-nitroimino-1,3-diazacyclopentane which comprises of reacting nitroguanidine with ethylenediamine in aqueous medium at a pH below 10 and temperature in the range of 40-70^0 C for 15 to 18 hours recovering by known procedures to obtain 2-nitroimino-1,3-diazacyclopentane.



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(Complete Specification Pages 07 Drawing 01 Sheet)

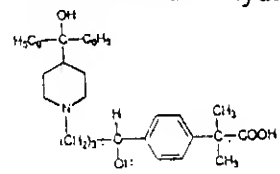
Indian Classification	:	32 F (2b) **191492**
International Classification[7]	:	A61K 31/445
Title	:	"PROCESS FOR THE PREPARATION OF NOVEL AMORPHOUS FORM OF FEXOFENADINE HYDROCHLORIDE."
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.
Inventors	:	NARESH KUMAR - INDIAN CHANDRAHAS KHANDURI – INDIAN MUKESH SHARMA – INDIAN

Application for Patent Number 776/Del/99 filed on 25th May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A process for the preparation of fexofenadine hydrochloride of Formula I



Formula I

in an amorphous form which comprises dissolving crystalline fexofenadine hydrochloride in solvent(s) selected from lower alkanol having from one to six carbon atoms, esters, ketones, chlorinated solvents or their mixtures thereof followed by adding suitable solvent as defined above containing hydrogen chloride and recovering fexofenadined hydrochloride from the said solution thereof by spray drying or freeze drying technique.

(Complete Specification 6 Pages Drawings 5 Sheets)

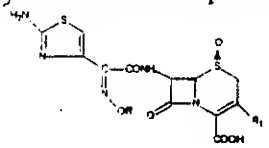
Indian Classification	55 E 4	**191493**
International Classification[7]	C07D 501/20	
Title	"AN IMPROVED PROCESS FOR THE PREPARATION OF SYN-ISOMERS OF CEPHEM DERIVATIVES. "	
Applicant	RANBAXY LABORATORIES . LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.	
Inventors	RAM CHANDER ARYAN- INDIAN NEERA TIWARI – INDIAN VIJAY KUMAR HANDA - INDIAN YATENDRA KUMAR - INDIAN	

Application for Patent Number 140/Del/99 filed on 25th Jan. 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

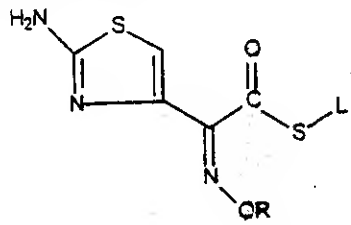
A process for the preparation of syn isomers of cephem compounds of the Formula I



Formula I

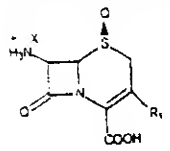
wherein R is selected from the group consisting of hydrogen, alkyl, protective group of hydroxy, alkyl of 1-4 carbon atoms optionally substituted with carboxyl group preferably R is methyl and 1-carboxy-1-methylethyl,

R_1 is hydrogen, methyl, halogen or a group $-CH_2Y$, in which Y represents methoxy, acetoxy, carbamoyloxy, a heterocyclic ring, preferably pyridyl, and a group of $-CH_2-S-Z$, in which Z is a heterocyclic ring which may be substituted, which comprises reacting a syn-isomer of reactive esters of Formula V



Formula V

wherein R is as defined above, L is 2-benzothiazolyl or 2-(5-methyl-1,3,4 thiadiazolyl), with the compounds of Formula VI



Formula VI

wherein R_1 is as indicated above, and X is an anion from an acid HX in a suitable solvent in the presence of an organic base

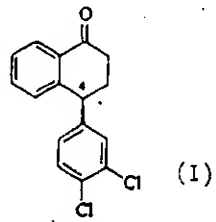
(Complete Specification 12 Pages Drawings 8 Sheets)

Indian Classification	:	32C **191494**
International Classification[4]	:	C 07 D 277/20; C 07 D 211/38.
Title	:	**A PROCESS FOR THE STEREOSELECTIVE MICROBIAL REDUCTION OF A RACEMIC TETRALONE".**
Applicant	:	**PFIZER PRODUCTS INC.,** a corporation organized under the laws of the State of Connecticut, United States of America, of Eastern Point Road, Groton, Connecticut 06340, United States of America.
Inventors	:	**BROOK KNIGHT MORSE-US** **SUSAN JANE TRUESDELL-US** **JOHN WING WONG-CANADA**

Application for Patent Number 1409/DEL/99 filed on 22/10/1999
Convention date:- 60/106233; 29/10/1998; USA.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

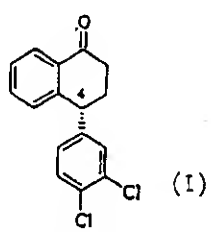
(05 Claims)

A process for the stereoselective microbial reduction of racemic 4-(3,4-dichlolrophenyl)-3,4-dihydro-1(2H)-naphthalenone, where said recemic 4-(3,4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone is a mixture of (4S)-(3,4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone and (4R)-(3,4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone, having the formulae (I)



(I)

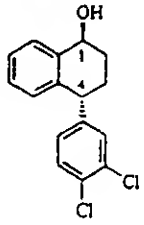
(4S)-(3,4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone, and



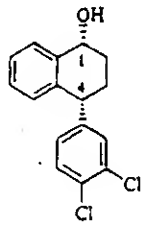
(I)

(4R)-(3,4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone.

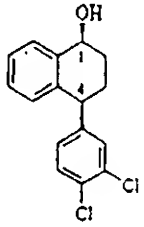
to a mixture of cis and trans tetralols having the formulae:



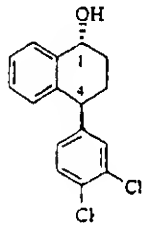
(trans) (1S, 4R) tetralol,



(cis) (1R, 4R) tetralol,



(cis) (1S, 4S) tetralol, and



(trans) (1R, 4S) tetralol,

which comprises:

contacting a compound of formula (I) with a microorganism, and incubating the resulting mixture under conditions sufficient to yield said (trans) (1S, 4R) tetralol, said (cis) (1R, 4R) tetralol, said (trans) (1R, 4S) tetralol, and said (cis) (1S, 4S) tetralol, and to leave unreacted portion of said (4S)-(3-4-dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone, wherein said microorganism is selected from the group consisting of: Hansenula polymorpha ATCC No. 26012, Hansenula polymorpha ATCC No. 74449, Absidia coerulea ATCC No. 20137, Geotrichum candidum ATCC No. 34614, Geotrichum candidum ATCC No. 62401, Mortierella isabellina ATCC No. 42613, Mortierella isabellina ATCC No. 38063, Mortierella vinacea ATCC No. 09515, Penicillium notatum ATCC No. 36740, Blastoschizomyces capitatus ATCC No. 28575, Monosporium olivaceum v. major ATCC No. 36300, Aureobasidium pullulans ATCC No. 16623, Debaryomyces polymorphus ATCC No. 20280, Saccharomyces cerevisiae ATCC No. 15248, Candida schatavii ATCC No. 24409, Pichia fabianii ATCC 16755 and Streptomyces rimosus ss. rimosus ATCC No. 10970; and mutants thereof capable of accomplishing said reduction.

(Complete Specification 32 Pages Drawing 08 Sheets)

Indian Classitication	:	32 F2	**191495**
International Classification[7]	:	C12N 9/00	
Title	:	"A PROCESS FOR THE PREPARATION OF ENZYME COMPOSITION CONTAINING A MIXTURE OF PECTINASE AND XYLANASE USEFUL FOR CLARIFICATION OF NONCITRUS FRUIT JUICE."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors		SUBHABRATA SENGUPTA - INDIAN ANIL KUMAR GHOSH – INDIAN DEBABRATA SENGUPTA - INDIAN MOHAN LAL JANA – INDIAN AMAL KUMAR NASKAR – INDIAN	

Application for Patent Number 686/Del/99 filed on 5th May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for the preparation of an enzyme composition containing a mixture of pectinase and xylanase, useful for the clarification of non citrus fruit juices, which comprises inoculating and growing an edible mycelial culture of mushroom *Termitomyces clypeatus* as described herein, in a sterilized medium containing assimilable carbon and nitrogen sources and conventional micronutrients at a pH between 3 to 8 and incubating at a temperature in the range of 25 to 35°C, separating the culture filtrate by known methods to obtain the said enzyme composition.

(Complete Specification 11 Pages Drawings Nil Sheet)

Indian Classification	55 E_4	**191496**
International Classification[4]	C 07 C 501/34	
Title	:	"A PROCESS FOR THE PRODUCTION OF AN IMPROVED AMORPHOUS FORM OF CEFPODOXIME PROXETIL ".
Applicant	:	RANBAXY LABORATORIES LIMITED, a company Incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi- 110 019, India
Inventors	:	YATENDRA KUMAR RAKESH KUMAR ARORA KAPTAN SINGH ALL INDIAN

Application for Patent Number 1036/Del/99filed on 30.07.99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(5 Claims)

A novel process for the production of an improved amorphous form of cefpodoxime proxetil that comprises preparing a solution of cefpodoxime proxetil in a suitable solvent and recovering amorphous form of cefpodoxime proxetil from said solution by spray drying as herein described.

(COMPLETE SPECIFICATION 06 SHEETS DRAWING SHEETS –03)

Indian Classification	:	32 C	**191497**
International Classification[4]	:	C0 7C-002/02 + 585/520	
Title	:	**"AN IMPROVED PROCESS FOR PREPARATION OF FERROCENE CAPPED OLEFINES".**	
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SUJIT ROY** **DINABANDU NASKAR-BOTH INDIAN.**	

Application for Patent Number 1420/DEL/1999 filed on 27/10/1999
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

An improved process for the preparation for the preparation of ferrocene capped olefins of formula 1 of the drawing accompanying this specification, wherein Fc indicates ferrocene, n is 1-6, Z is halogen atom, nitrile, carboxylic acid, carboxylate, amide or arene, which comprises of reacting ferrocenealkenylic acid of formula 2 of the drawing accompanying this specification wherein n is 1-5, with halosuccinimide in presence of tetralkylammonium salt in halogenated hydrocarbon solvent at a temperature in the range of 0 to –78 degree celcius for a period in the range of 1 to 24 h under inert atmophere, recovering haloalkeneferrocene by known method, reacting above said haloalkeneferrocene with vinyl substrates of formula 3 of the drawing accompanying this specification wherein Z is as stated above for formula 1 in presence of ligand, palladium acetate, lithium choloride, amine and an organic solvent at a temperature in the rangeo of 0 to 100 degree celcius for a period in the range of 1 to 24 h under inert atmosphere, recovering ferrocene capped olefins.

(Complete Specification Pages 14 Drawing 01 Sheet)

Indian Classification	:	32 F_3 b	**191498**
International Classification[4]	:	C 07C 51/00.	
Title	:	**"A PROCESS FOR THE PRODUCTION OF BRANCHED FATTY ACIDS FROM TRANSGENIC PLANT CELLS".**	
Applicant	:	**TOTAL RAFFINAGE DISTRIBUTION S.A.,** of Tour Total, 24, cours Michelet, 92800 Puteaux, France.	
Inventors	:	**PIERRE DUHOT-FRANCE ERIC GONTIER-FRANCE DANIEL THOMAS-FRANCE BRIGITTE THOMASSET-FRANCE MARC MENARD-FRANCE.**	

Application for Patent Number 554/DEL/1999 filed on 09/04/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(08 Claims)

A process for the production of branched fatty acids from transgenic plant cells comprising extracting in a manner such as herein described branched fatty acids from said plant cells which contain a recombinant nucleic acid comprising a nucleic acid coding for an enzyme such as herein described which induces or stimulates the post-synthetic branching of the fatty acids and optionally purifying said branched fatty acids in a known manner and optionally treating said extracted fatty acids by hydrogenating said branched extracted fatty acids leading to the formation of saturated branched fatty acids.

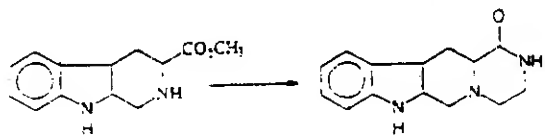
(Complete Specification Pages 34 Drawing 09 Sheets)

Indian Classification	:	$55E_4$.	**191499**
International Classification[4]	:	A 61 K 31/495; C 0 7D 471/14.	
Title	:	**"An improved process for the synthesis of l-oxo-1,2,3,4,6,7,12,12a-octahydropyrazino [2',1',1] pyrido(3,4-b) indole.**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SURESH KUMAR PANDEY** **KESHAV KISHOR AWASTHI** **RAVISH CHANDRA TRIPATHI** **KALPANA BHANDARI** **HARSHPATI THAPALIYAL** **ANIL KUMAR SAXENA-ALL INDIAN.**	

Application for Patent Number 1446/DEL/1999 filed on 05/11/1999
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

An improved process for the synthesis of l-oxo- 1,2,3,4,6,7,12,12a-octahydropyrazino [2',1',1] pyrido(3,4-b) indole of the formula II as shown in the drawing accompanying this specification, which comprises reacting methyl-1,2,3,4-tetrahydro-9H-pyrido(3,4-b)indole-3-carboxylate or its hydrochloride salt of formula 1 with 2-bromoethylamine hydrobromide in presence of a base optionally with a phase trasfer catalyst in organic solvent at a temperature ranging 80-115^0 C for a period ranging from 30 minutes to 16 hrs, separating l-oxo-1,2,3,4,6,7,12,12a-octahydropyrazino [2',1',1] pyrido(3,4-b) indole from the reaction mixture by know methods.



dl, *l* or *d* Formula I — *dl*, *l* or *d* Formula II

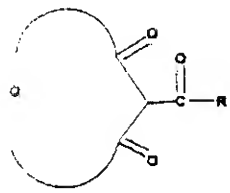
(Complete Specification Pages 10 Drawing 01 Sheet)

Indian Classification	:	$55E_4$ **191500**
International Classification[4]	:	C0 7C-045/54 + 568/310.
Title	:	**" A PROCESS FOR PREPARING ACYLATED CYCLICAL 1,3-DICARBONYL COMPOUNDS".**
Applicant	:	**SYNGENTA LIMITED** (formerly known as **ZENECA LIMITED),** European Regional Centre, Priestlay Road, Surrey Research Park, Guildford, Surrey GU2 7YH, **ENGLAND.**
Inventors	:	**STEPHEN MARTIN BROWN-US** **ROBERT OLIVER JONES-US**

Application for Patent Number 3548/DEL/98 filed on 26/11/1998
Convention date:- 9725135.9; 27/11/1997; UK.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

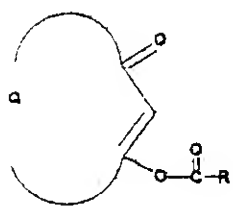
(05 Claims)

A process for preparing acylated cyclical 1,3-dicarbonyl compounds of formula (I):



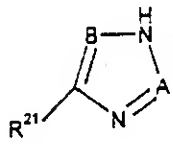
(I)

where Q completes an optionally substituted 5- or 6-membered saturated carbocyclic ring and R is optionally substituted phenyl or optionally substituted C_3-C_6 cycloalkyl which process comprises the rearrangement of a compound of Formula (II)



(II)

where Q and R are as defined in relation of Formula (I), the rearrangement process being carried out by mixing a compound of formula (II) in a polar aprotic, dipolar aprotic or aromatic hydrocarbon solvent of the kind as herein described and adding a molar excess of a moderate base (about 1 to about 4 moles of base per mole of the compound of formula (II) and a molar excess (up to about 50 mole percent based on the compound of formula (II) of an azole of formula (III) or a salt thereof



(III)

in which A is N or CR^{22}; B is N or CR^{23} and R^{21}, R^{22} and R^{23} are independently H, alkyl, or aryl or when B is CR^{23}, R^{21} and R^{23} together with the carbon atoms to which they are attached form a 6-membered carbocyclic ring and salts thereof, and wherein the reaction is carried out at temperatures of from -10°C up to about 100°C and optionally in the presence of 1-10 mole percent a phase transfer catalyst.

(Complete Specification 18 Pages Drawing NIL Sheet)

Indian Classification	:	32 D	**191501**
International Classification[7]	:	G01N 33/533	
Title	:	"A PROCESS FOR PREPARATION OF NOVEL ENZYME LINKED RHIZOBIAL-BIOTINYLATED LECTIN COMPLEX."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860) and DEPARTMENT OF BIOTECHNOLOGY, Govt. of India Ministry of Science of Technology Block 2 (7th and 8th) C.G.O. Complex Lodi Road New Delhi – 100 003	
Inventors	:	HASI RANI DAS - INDIAN INDRANIL BHATTACHARYA – INDIAN HEMLATA GAUTAM - INDIAN VANI JAYARAMAN - INDIAN	

Application for Patent Number 449/Del/99 filed on 19th March 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

A process for preparation of novel enzyme linked rhizobial-biotinylated lectin complex, which comprises:

a) Coating lectin specific receptor (LPS) isolated by methods as herein described on the walls of a container or micorotitre plate, centrifugation of a plate for a period of 10-20 minutes at a temperature ranging from 25 to 30 deg.C, removing supernatent and keeping plate at 30-37 deg. C for 2 to 3 hrs. to get complex.

b) washing the above said complex in step a) with washing buffer of 10mM such as Na- phosphate buffer saline (PBS) or Tris buffered saline (TBS) of pH in the range of 6.8 to 7.2.

c) adding blocking buffer such as aqueous solution of bovine serum albumin (BSA) or casein or gelatin of concentration in the range of 1 to 3% w/v, keeping plate at room temperature for 1 hr.

d) removing blocking buffer from the wells and washing wells with washing buffer, adding biotinylated lectin solution and incubating overnight at temperature range of 30-37 deg. C.

e) Washing with washing buffer and adding avidin/streptavidin-HRP conjugate solution in distilled water in the concentration range of 1:500 to 1: 1000.

f) incubating for 30-45 minutes at ambient temperature to get enzyme linked rhizobiol – biotinylated lectin complex.

(Complete Specification 15 Pages Drawings Nil Sheet)

Indian Classification	:	32 F	**191502**
International Classification[7]	:	A 23 C 3/08, C 12 N 9/00	
Title	:	"AN IMPROVED PROCESS FOR THE SIMULTANEOUS PREPARATION OF STABLE INTRACELLULAR CATALASE AND B-GALACTOCIDASE ENZYME."	
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)	
Inventors	:	SANTHOOR GURURAJA BHAI SHAILASREE SEKHAR NAGAJYOTHI RAJENDRA UPADHYA ALL INDIAN	

Application for Patent Number 3320/Del/98 filed on 09.11.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(3 Claims)

An improved process for the simultaneous preparation of stable intracellular catalase and B-galactosidase enzymes which comprises of treating the yeast cells containing the above said enzymes with permeabilizing agents such as alcohols or ketone having atoms C_2 to C_6 at a temperature from 4^0C to 50^0C for a period 5 minute to 24 hours removing the permeabilising agent by known methods such as herein described to get the intracellular catalase and B-galactosidase simultaneously.

(COMPLETE SPECIFICATION 18 SHEETS DRAWING SHEETS -00-)

Indian Classification	:	55A	**191503**
International Classification[4]	:	A 01 N –40/00 + 43/00.	
Title	:	**"A METHOD OF MAKING BIOCIDAL CLEANING SUBSTRATE".**	
Applicant	:	**NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD.,** of 3-11 Primrose Avenue, Rosebery, New South Wales 2018, Australia.	
Inventors	:	**STEVEN KRITZLER-AUSTRALIA HYO SANG KWON-AUSTRALIA.**	

Application for Patent Number 3546/DEL/98 filed on 26/11/1998
Convention date:- 741591; 27/11/1997; AUSTRALIA.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(13 Claims)

A method of making a biocidal cleaning substrate comprising the steps of :

a) combining a biocidal concentrate of the kind such as herein described containing a first biocide which is a metal pyridinethione and second synergistic biocide which is selected to be biocidally effective in a pH range complementary to the metal pyridinethione with a binding agent of the kind such as herein described;

b) contacting the resultant formulation with a substrate of the kind such as herein described; and

c) binding the formulation to the substrate with binding means of the kind such as herein described

to result in the biocidal cleaning substrate.

(Complete Specification 19 Pages Drawing NIL Sheet)

Indian Classification	:	55 E_4	**191504**
International Classification[4]	:	A 23 L-001/10, 426/417.	
Title	:	**"A NOVEL PROCESS FOR THE PREPARATION OF A PROTEIN ENRICHED FRACTION FROM THE PLANT TINOSPORA CORDIFOLIA".**	
Applicant	:	**NATIONAL INSTITUTE OF IMMUNOLOGY,** an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Aruna Asaf Ali Marg, New Delhi-110 067. **INDIA.**	
Inventors	:	**SHAKTI NATH UPADHYAY NARVULA KRISHNAMMANAIDU SARASWATHI RAMAN PRASAD YADAV-ALL INDIAN.**	

Application for Patent Number 2609/DEL/98 filed on 01/09/1998
Complete left after Provisional specification filed on 01/12/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A process for preparing a protein enriched fraction from Tinospora cordifolia, said process comprising:

a. preparing an extract from the plant parts such as hereindescribed of Tinospora cordfolia by soaking plant parts such as hereindescribed in water for 1 to 72 hours at room temperature,
b. separating the impurities from the extract by filtration,
c. subjecting the extract to ammonium sulphate precipitation and treating the precipitate with a phosphate buffer or phosphate buffered saline at pH f 7.2 to 7.4
d. dialyzing the buffered solution to recover the protein rich fraction, and if desired, concentrating the fraction in a manner such as hereindescribed to obtain the required protein.

(Provisional specification 08 Pages Drawing NIL Sheet)
(Complete Specification 14 Pages Drawing 06 Sheets)

Indian Classification	:	32 F2	**191505**
International Classification[7]	:	C12N 7/02, C12N 1/20	
Title	:	"A PROCESS FOR THE ISOLATION OF BACTERIOPHAGE GENOME USEFUL AS A TOOL FOR STUDYING BIOLOGICAL, BIOCHEMICAL, PHYSIOLOGICAL AND GENETIC PROPERTIES OF ACTINOMYCETES AND OTHER ORGANISMS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	PUSHPA AGRAWAL - INDIAN VISHAL SONI – INDIAN	

Application for Patent Number 3163/Del/98 filed on 28th Oct. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

A process for the isolation of bacteriophage genome useful as a tool for studying biological, biochemical, physiological and genetic properties of actinomycetes and other organisms which comprises incubating a novel strain of Saccharomonospora having characteristics as herein described in a nutrient medium such as herein described until the autolysis stage is reached, isolating and purifying from the said medium a bacteriophage having a double stranded DNA genome of about 90 KB generated in the lysed culture by conventional methods, breaking-up the proteinaceous envelop of the said isolated bacteriophage by known methods followed by recovering the bacteriophage genome by conventional precipitation techniques.

(Specification 21 Pages Drawings Nil Sheet)

Indian Classification	:	32 F 3(c)	**191506**
International Classification[7]	:	C 07 27/00	
Title	:	**"AN IMPROVED PROCESS FOR PREPARATION OF 2-PHENYL ETHANOL."**	
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)	
Inventors	:	RAGHUNATH VITTHAL CHAUDHARI MANISHA MADHUKAR TELKAR CHANDRASHEKHAR VASANT RODE ALL INDIAN	

Application for Patent Number 3830/del/ 98 filed on 24.12.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(05 Claims)

An improved process for preparation of 2-phenyl ethanol which comprises

a) hydrogenting the solution of styrene oxide in an organic solvent such as herein described over a supported conventional group VIII metal catalyst in the presence of organic or inorganic promoter of the kind as herein described under stirring at a temperature ranging between 40 – 120^{0}C and hydrogen pressure in the range of 50 – 800 psig and in the pH range of 12 –13

b) after complete hydrogenation , the reaction mixture is cooled to room temperature

c) separating catalyst by methods as herein described and isolating the product 2-phenylethanol by distillation.

(COMPLETE SPECIFICATION 18 SHEETS DRAWING SHEETS - NIL -)

Indian Classification	:	32	**191507**
International Classification[7]	:	C12N 9/00	
Title	:	"A PROCESS FOR THE SIMULTANEOUS PREPARATION OF STABILIZED D-AMINO ACID OXIDASE AND CATALASE."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SANTHOOR GURURAJA BHAT - INDIAN RAJENDERA UPADHYA – INDIAN NAGAJYOTHI - INDIAN	

Application for Patent Number 3066/Del/98 filed on 20th Oct. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

A process for the simultaneous preparation of stabilized D-amino Acid Oxidase and catalase which comprises growing an industrial yeast in a conventional nutrient medium supplemented with D-amino-acid and catalase, separating the yeast by conventional method such as herein described, suspending the said yeast in a buffer containing 0.1 to 5.0% glutaraldehyde (w/v) at a pH in the range of 4.0 to 9.0 at a temperature in the range of 4^0C to 45^0C and for a period of 10 min. to 120 min, separating the microorganisms by known methods and washing the cells repeatedly with buffer solution as herein described to free them from glutaraldehyde, followed by treating with permeabilizing agents cetyltrimethyl-ammonium bromide (CTAB) by conventional methods as herein described, separating the cells by conventional filtration and washing the cells repeatedly with buffer solution to free from permeabilizing agents to get the desired stabilized D-Amino Acid Oxidase and catalase.

(Complete Specification 16 Pages Drawings Nil Sheet)

Indian Classification	:	32F **191508**
International Classification[4]	:	C 07 D-285/125; 548/136
Title	:	**"A PROCESS FOR MAKING 2-(METHYLTHIO)-5-(TRIFLUOROMETHYL)-1,3,4-THIADIAZOLE".**
Applicant	:	**BAYER CORPORATION,** of 100 Bayer Road, Pittsburgh, Pennsylvania 15205, United States of America and **BAYER AKTIENGESELLSCHAFT,** a German Company of 51368 Leverkusen, Germany.
Inventors	:	**VIDYANATHA ANAND PRASAD-US** **THOMAS KARL GEORG SCHMIDT-GERMAN** **PETER EDWARD NEWALLIS-US**

Application for Patent Number 3709/DEL/98 filed on 09/12/1998
Convention date:- 08/989,563; 12.12.1997; USA.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A process for making 2-(methylthio)-5-(trifluoromethyl)-1,3,4-thiadiazole comprising the steps of :

(a) reacting methyldithiocarbazianate with trifluoroacetic acid in the absence of phosphorous trichloride and optionally in the presence of a solvent to form a mixture of 2-(methylthio)-5 (trifluoromethyl)-1,3,4-thiadiazole and 2,5-bis-(methylthio)-1,3,4-thiadiazole; wherein the molar ratio of methyldithiocarbazinate to trifluoroacetic acid is from 4:1 to 1:5, and

(b) selectively removing the 2, 5-bis-(methylthio)-1,3,4-thiadiazole by acidification of the reaction mixture with a concentrated inorganic acid of the kind as herein described at a temperature of 20 to 60^0 C followed by phase separation to obtain 2-(methylthio)-5-(trifluoromethyl)-1,3,4-thiadiazole.

(Complete Specification 16 Pages Drawing NIL Sheet)

Indian Classification :- 128 G **191509**

International Classification[4] :- A41B 13/02

Title :- "A method of producing collapsed polymeric foam artifact."

Applicant :- The Procter & Gamble Company, a corporation organized and existing under the laws of the States of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America.

Inventors :- JOHN COLLINS DYER - U.S.A.
THOMAS ALLEN DESMARAIS - U.S.A.
GARY DEAN LAVON -U.S.A,
KEITH JOSEPH STONE - U.S.A.
GREGORY WADE TAYLOR U.S.A.
GERALD ALFRED YOUNG -U.S.A.
PAUL - SEIDEN -U.S.A.
STEPHEN ALLEN BOLDMAN - U.S.A.
HERBERT LOUIS RETZSCH U.S.A.

Application for Patent Number 1366/Del/1993 filed on 12/06/1993

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 20)

A method of producing collapsed polymeric foam artifact which, upon contact with aqueous body fluids, expands and absorbs said fluids, said polymeric foam material comprising a hydrophilic, flexible nonionic polymeric foam structure of interconnected open cells, having:
(A) a specific surface area per foam volume of at lest 0.025m^2/cc;
(B) at least 0.1% by weight of a toxicologically acceptable hygroscopic, hydrated salt incorporated therein;
(C) in its collapsed state, an expansion pressure of kPa or less;
(D) in its expanded state, a density when saturated at 88^{0}F (31.1^{0}C) to its free absorbent capacity with synthetic urine having a surface tension of 65 $\pm$ 5 dynes/cm of from 10% to 50%, of its dry basis density in its collapsed state comprises polymerizing a water-in-oil emulsion having:

(1) an oil phase comprising:
(a) from 67 to 98% by weight, of a monomer component comprising:
(i) from 5 to 40% by weight, of a substantially water-insoluble, monofunctional glassy monomer;
(ii) from 30 to 80% by weight, of a substantially water-insoluble, monofunctional rubbery comonomer;
(iii) from 10 to 40% by weight, of a substantially water-insoluble, polyfunctional crosslinking agent, preferably selected from the group consisting of divinylbenzene divinyltoluene and diallyphthalate, most preferably divinylbenzene; and
(b) from 2 to 33% by weight, from 5 to 20% by weight, of an emulsifier component which is soluble in the oil phase and which forms a stable water-in-oil emulsion; and
(2) a water phase comprising from 0.2 to 20% by weight, of a water-soluble electrolyte; and
(3) in weight ratio of water phase to oil phase from 12:1 to 100:1.

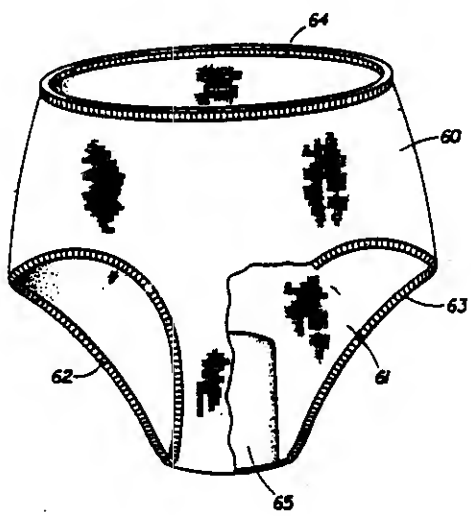


Fig. 6

Complete Specification	No of Pages	91	Drawings Sheets	08

Indian Classification	:	54	**191510**
International Classification[4]	:	A 61 K 35/78	
Title	:	**"AN IMPROVED PROCESS FOR PRODUCTION OF DIHYDRONIMBOLIDE FROM THE LEAVES OF AZADIRACHTA INDICA".**	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**ANAND AKHILA** **KUMKUM RANI** **MUJIB RAJA KHAN** **SUSHIL KUMAR-ALL INDIAN.**	

Application for Patent Number 360/DEL/2000 filed on 31/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the production of dihydronimbolide from the leaves of Azadiracta indica which comprises extracting the air dried, pulverized neem leaves with organic solvent at a rato 1:4, at a temperature ranging between 25-30 ^{0} C, evaporating the solvent at room temperature to obtain a residue, isolating the nimbolide from the residue by column chromatography using organic solvent, dissolving nimbolide in methanol and reducing it with borohydride at a temperature ranging 0-35^{0} C to obtain dihydronimbolide.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification	:	$55E_4$.	**191511**
International Classification[4]	:	C 07H 1/00; C07 H 21/00.	
Title	:	**"A PROCESS FOR THE ISOLATION OF PCR-AMPLIFIABLE M. TUBERCULOSIS DNA FROM CLINICAL SAMPLES".**	
Applicant	:	The Secretary, **DEPARTMENT OF BIOTECHNOLOGY,** Block 2, C.G.O. Complex, Lodi Road, New Delhi-110 003.	
Inventors	:	**JAYA SIVASWAMI TYAGI** **SOUMITESH CHAKRAVORTY-BOTH INDIAN**	

Application for Patent Number 497/DEL/2000 filed on 10/05/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A process for isolation of inhibiter-free PCR-amplifiable M-tuberculosis DNA from clinical samples characterized by the steps of :

i) fluidifying clinical sputum by addition of solution A such as herein described, centrifuging the fluidized sputum thus obtained, discarding the supernatant thus obtained and resuspending the pellet in solution B taken in volume equal to the original volume of sputum,

ii) storing an aliquot of the sputum suspension thus obtained for not exceeding two weeks, adding freshly prepared lysozyme in Tris-EDTA buffer with pH 8.0, incubating centrifuging, discarding the supernatant thus obtained and resuspending the pellet in solution C such as herein described,

iii) centrifuging the suspension thus obtained, discarding the supernatant thereof, resuspending the pellet in sterile triple distilled water,

iv) resuspending the washed pellets thus obtained in solution D herein described followed by addition of solution E and solution F as herein described, heating to preferably 90^0 C for preferably 40 minutes, sealing the tube with parafilm and centrifuging at room temperature, obtaining thereby supernatant containing the DNA for PCR.

(Complete Specification Pages 13 Drawing 02 Sheets)

Indian Classification	:	55 F	**191512**
International Classification[7]	:	A 61 K 31/485, A 61 K 31/415, A 61 P 29/00, A 61 P 17/00	
Title	:	"PROCESS FOR THE PREPARATION OF THERAPEUTIC ANTI-INFLAMMATORY AND ANALGESIC COMPPOSITION."	
Applicant	:	PANACEA BIOTEC LTD., B-I Ext./A-27, Mohan Co-op. Industrial Estate, Mathura Road, New Delhi- 110044.	
Inventors	:	AMARJIT SINGH RAJESH JAIN ALL INDIAN	

Application for Patent Number 046/Del/2000 filed on 21.01.2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules..2003) Patent Office Branch, New Delhi – 110 005.

(6 Claims)

A process for the preparation of a therapeutic anti-inflammatory and analgesic composition for topical / transdermal use comprising mixing in any conventional manner 0.1 to 40 % w/w of a COX-2 inhibitor drug Celecoxib or Rofecoxib and 60 to 99.9 % w/w of Percutaneous absorption enhancing vehicle/base comprising percutaneous enhanser such as herein described from 0.5 to 60 % w/w and vehicle/base, as herein described from 2.0 to 98 % w/w , under ambient conditions.

(COMPLETE SPECIFICATION 23 SHEETS DRAWING SHEETS -00-)

Indian Classification	:	182-D	**191513**
International Classification[4]	:	A 23L-002/08 ; 426/616	
Title	:	**"A PROCESS FOR PRODUCING SUGAR".**	
Applicant	:	**TATA ENERGY RESEARCH INSTITUTE,** A Society registered under Societies Registration Act of India Habitat Centre, Lodhi Road, New Delhi-110 003, and **TECHNOLOGY INFORMATION, FORECASTING AND ASSESSMENT COUNCIL OF TECHNOLOGY BHAWAN,** New Mehrauli Road, New Delhi-110 016, A Society registered under Societies Registration Act of India.	
Inventors	:	**ANANDA MOHAN GHOSH** **MALINI BALAKRISHNAN-BOTH INDIAN**	

Application for Patent Number 582/DEL/2000 filed on 09/06/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for producing sugar having improved whiteness properties which comprises in subjecting the clarified sugarcane juice obtained by the conventional liming sulphitation process to the step of pre-filtration followed by passing the juice thus obtained at 90-100^{0}C through a membrane filtration unit comprising one or more modules with each module being in the form of a spiral supported on a shaft and membrane filter having a molecular weight cut-off-rating of 10-300 kilodalton and then subjecting the filtered juice to the known steps of concentration and then crystallization, obtaining sugar with improved whiteness.

(Complete Specification Pages 09 Drawing NIL Sheet)

Indian Classification	:	55 E_4	**191514**
International Classification[4]	:	C 07C-045/00	
Title	:	**"AN IMPROVED PROCESS FOR ACYLATION OF NAPHTHYL ETHERS".**	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**MANNEPALLI LAKSHMI KANTAM** **MUTYALA SATEESH** **BOYAPATI MANORANJAN CHOUDARY** **KALLURI VENKATA SRI RANGANATH** **KONDAPURAM VIJAYA RAGHVAN-** **ALL INDIAN.**	

Application for Patent Number 385/DEL/2000 filed on 31/03/2000
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for acylation of naphthyl ethers, which comprises reacting a naphthyl ethers such as 2-methoxy naphthalene with C_2-C_5 acid anhydride as an acylating agent employing a zeolite beta catalyst as herein described and selected from zeolite beta as synthesized, microcystalline zeolite beta with particle size in the range of 1 um to 50 um and microcrystalline modified zeolite beta with Si/Al ratio 4 to 100 in nitrobenzene as solvent at a temperature in the range of 80 – 180^0 C for a period of 2-24 hr, recovering the acyl naphthyl ethers by a conventional methods as herein described.

(Complete Specification Pages 12 Drawing NIL Sheet)

Indian Classification	:	54	**191515**
International Classification[7]	:	A61K 35/00	
Title	:	"A PROCESS FOR PREPARATION OF A SYNERGISTIC PHARMACEUTICAL COMPOSITION USEFUL AS HEPATO-PROTECTIVE AGENT."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SUKHDEV SWAMI HANDA - INDIAN OM PARKASH SURI - INDIAN VISHWA NATH GUPTA – INDIAN KRISHAN AVTAR SURI – INDIAN NARESH KUMAR SATTI – INDIAN VIKRAM BHARDWAJ – INDIAN BUPINDER SINGH – INDIAN BAL KRISHAN CHANDAN - INDIAN	

Application for Patent Number 0089/Del/2000 filed on 3rd Feb. 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(3 Claims)

A process for preparation of a synergistic pharmaceutical composition useful as hepato-protective agent comprising apocynin and trans-tetracos-15-enoic acid which comprises grinding the components i.e. apocynin (APO) and transtetracos-15-enoic acid (TCA), in a conventional mechanized agate pestle mortar for 20 minutes at 100-125 rotations per minute separately, mixing the obtained grinds in the ratio 3:1 to 1:3, regrinding the mix for 20 minutes at 75-100 rotations per minute followed by sieving to get the desired pharmaceutical composition.

(Complete Specification 24 Pages Drawings Nil Sheet)

Indian Classification	:	32 F_3C	**191516**
International Classification[7]	:	C07C 37/20	
Title	:	"A PROCESS FOR THE PREPARATION OF HYDROXY BENZYL ALCOHOLS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	ANAND PAL - INDIAN SHARDA DAGADE – INDIAN	

Application for Patent Number 293/Del/2000 filed on 23rd March 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

An improved process for the preparation hydroxybenzyl alcohols which comprises reacting phenol over a microporous alumino silicate zeolite catalyst composite material such as herein described in the presence of hydroxy methylating agent at a temperature in the range of 20^0C to 200^0C for a period in the range of 0.1 to 24 hours at atmospheric pressure and collecting hydroxybenzylalcohol by conventional methods.

(Complete Specification 11 Pages Drawings Nil Sheet)

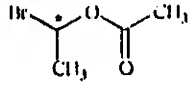
Indian Classification	:	C07B 39/00 ; C07M 5/00	**191517**
International Classification[7]	:	55E; 32 F(1)	
Title	:	"A PROCESS FOR THE PREPARATION OF (R,S)-1-ACETOXYETHYL BROMIDE."	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019, INDIA.	
Inventors	:	NITIN MAHESHWARI - INDIAN OM DUTT TYAGI – INDIAN VIJAY KUMAR HANDA – INDIAN.	

Application for Patent Number 780/Del/2000 filed on 29th Aug. 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(3 Claims)

A process for the preparation of (R,S)-1 acetoxyethyl bromide of Formula 1,



FORMULA 1

which comprises adding anhydrous hydrogen bromide gas into a solution of vinyl acetate at a temperature from about -5^0C to about -25^0C in the presence of hydroquinone to give (R,S)-1-acetoxyethyl bromide recovering the same in pure form by conventional means.

(Complete Specification 5 Pages Drawings 1 Sheets)

Indian Classification	:	$55E_4$.	**191518**
International Classification[4]	:	A 61 K 31/00; A 61 K 35/78.	
Title	:	**"AN IMPROVED PROCESS FOR THE ISOLATION OF BERGENIN FROM BERGENIA SP. USEFUL FOR DISSOLVING KIDNEY STONE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH,** Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SANTOSH KUMAR AGARWAL** **SUSHIL KUMAR-BOTH INDIAN.**	

Application for Patent Number 325/DEL/2000 filed on 28/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

An improved process for the isolation of bergenin of fig 1 of the drawing accompanying this specification from Bergenia sp. Useful for dissolving kidney stone which comprises:

a) soaking the air dried powdered Bergenia Ligulata rhizomesin a non polar solvents as herein described,

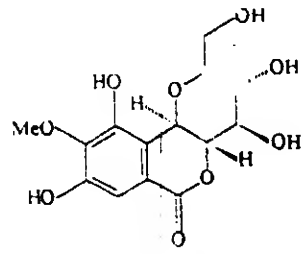
b) resoaking the pounded rhizomes in relatively polar solvents as herein described and removing the solvent by concentrating under vacuum (25-50mm/Hg) to 3- to 40%, optionally extracting the plant material with alkaline polar solvents as herein described saturated with water,

c) washing the extracted mass cold (5-10^0 C) aqueous alkali solution as herein described followed by cold (5 – 15^0 C) water two times till the organic layer is neutral,

d) concentrating the organic layer to dryness to get residue,

e) the residue thus obtained dissolved in polar solvent, crystallizing and recrystallising the extract to get berginin.

(Complete Specification Pages 07 Drawing 01 Sheet)



Bergenin

Fig 1

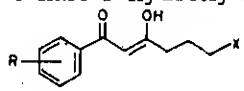
Indian Classification	:	32 F1	**191519**
International Classification[4]	:	A61K 31/00	
Title	:	"A PROCESS FOR THE PREPARATION OF 1-ARYL-6- HALO-3-HYDROXY- HEX-2-ENE-1-ONE."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SEEMA SRIVASTAVA- INDIAN SANJAY BATRA – INDIAN AMIYA PRASAD BHADURI – INDIAN	

Application for Patent Number 2716/Del/98 filed on 11th Sep. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

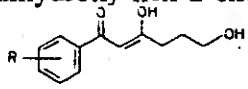
(4 Claims)

A process for the preparation of 1-aryl-6-halo-3-hydroxy-hex-2-ene-1-one of formula II



II

Wherein R is hydrogen, alkyl, alkoxy or halogen and X is halogen useful as the starting material for the synthesis of therapeutic agents showing multiple activities which comprises of reacting a substitute 1- aryl-3, 6-dihydroxy-hex-2-ene-1-one derivatives of the formula I



I

Wherein R is hydrogen, alkyl, or halogen with a halogenating agent such as herein described in an aprotic organic solvent, at a temperature ranging from 0-20^{0}C, for a period ranging from 0.5-4.0 hrs and isolating the compound 1-aryl-6-halo-3-hydroxy-hex-2-ene-1-one by known methods as herein described.

(Complete Specification 9 Pages Drawings 1 Sheets)

Indian Classification : 128 A **191520**
4

International Classification : A 61 A 13/16

Title : "AN ABSORBENT ARTICLE."

Applicant : THE PROCTER & GAMBLE COMPANY, a corporation organized under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America.

Inventors : THOMAS WARD OSBORN,-U.S.A., LETHA MARGIE HINES – U.S.A., BRUCE WILLIAM LAVASH - U.S.A., CHARLES WILBUR CHAPPELL – U.S.A., KATHERINE LOUISE MAYER – U.S.A., JACQUELINE WATSON CHARRIER – U.S.A. & KAZUKO SUGAHARA – JAPAN.

Application for Patent Number 0291/DEL/2000 filed on 22-03-2000.

Divisional out of Patent application No. 957/Del/92 filed on 21-10-92.

Ante Dated to 21-10-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(7 Claims)

An absorbent article having a liquid pervious topsheet, a liquid impervious backsheet, an absorbent core positioned between said topsheet and said backsheet, and a fastener, said absorbent article characterized by an extensible attachment device comprising at least one extensible component, at least a portion of which being attached to at least one of said topsheet, backsheet or absorbent core, said fastener being on said extensible attachment device for fastening said absorbent article to said undergarment.

(Complete Specification

Pages 158 Drawing Sheets -40)

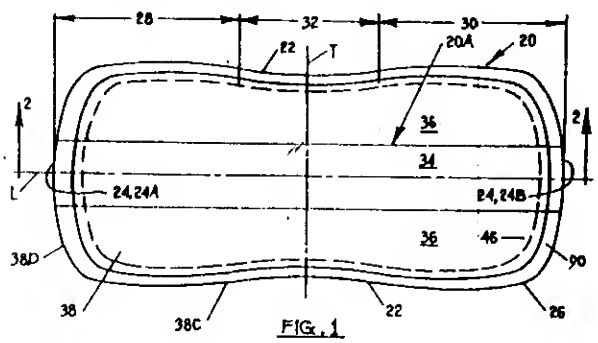


FIG. 1

Ind.Cl : **191521**

Int.Cl[4] : C 07 C 253/00 , C 07 C 253/30

Title : A PROCESS FOR THE PREPARATION OF ACYCLIC PENTENENITRILES.

Applicant : E.I .DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : 1. JOE DOUGLAS DRULINER.
2. NORMAN HERRON.

Application no. 492/CAL/97 FILED ON 19.03.1997

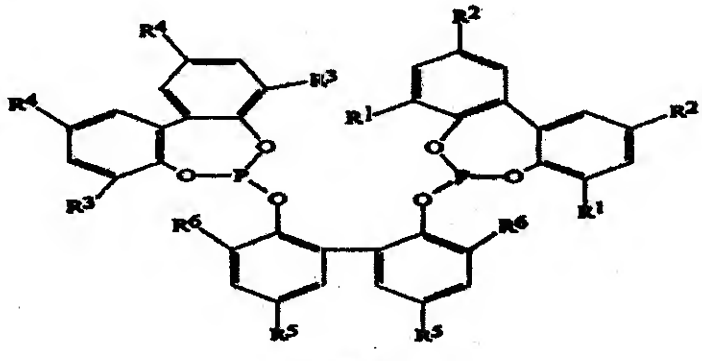
(CONVENTION NO. 60/014, 618 FILED ON 02.04.1996 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.

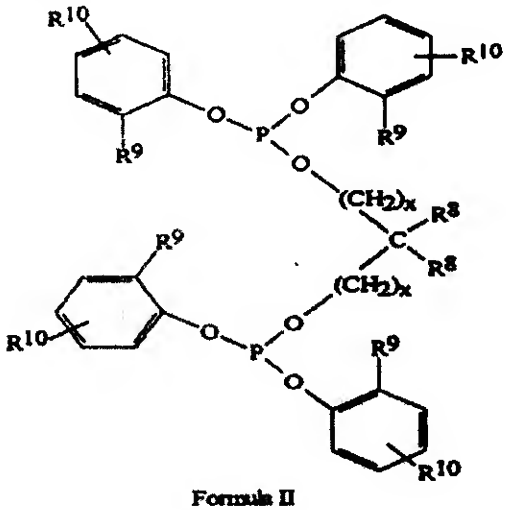
A process for the preparation of acyclic pentenenitriles in which the olefinic double bond is not conjugated with the cyano group by vapor-phase hydrocyanation of diolefinic compounds comprising, reacting an acyclic aliphatic diolefinic compound with HCN in the vapor phase within a temperature range of from 135°C to 300°C in the presence of a supported catalyst comprising zero-valent nickel and at least one multidentate phosphite ligand selected from the group consisting of compounds represented by Formulas I and II:



Formula I

wherein

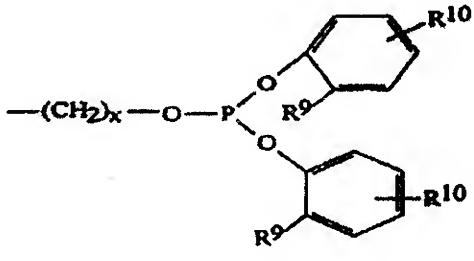
each R^1, R^2, R^3, R^4, R^5 and R^6 are independently, H, a branched or straight chain alkyl of upto 12 carbon atoms, or OR^7, wherein R^7 is a C_1 to C_{12} alkyl;



Formula II

wherein

each R^8 is independently, H, a primary, secondary or tertiary hydrocarbyl of 1 to 12 carbon atoms, or B, where B is a substituent of the formula



wherein x is an integer from 1 to 12;

and

each R^9 and R^{10} are independently, H, OR^{11} wherein R^{11} is a C_1 to C_{12} alkyl or a primary, secondary or tertiary hydrocarbyl of 3 to 12 carbon atoms and wherein R^{10} can be ortho, meta or para to the oxygen; and wherein x is an integer from 1 to 12;

to produce acyclic pentenenitriles in which the olefinic double bond is not conjugated with the cyano group.

Complete Specifications : 21 pages. *Drawings: NIL*

191522

Ind.Cl : 69 I, N

Int.Cl[4] : H 01 H 73/18

Title : AN APPARATUS FOR DETECTING A SERIES ARCING FAULT IN AN AC CIRCUIT.

Applicant : EATON CORPORATION, OF EATON CENTER 1111 SUPERIOR AVENUE CLEVELAND, OHIO 44114-2584, UNITED STATES OF AMERICA.

Inventor : 1. JOSEPH C, ENGEL.
2. RAYMOND W. MACKENZIE

Application no. 602/CAL/97 FILED ON 07.04.1997.

(CONVENTION NO. 633, 603 FILED ON 17.04.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

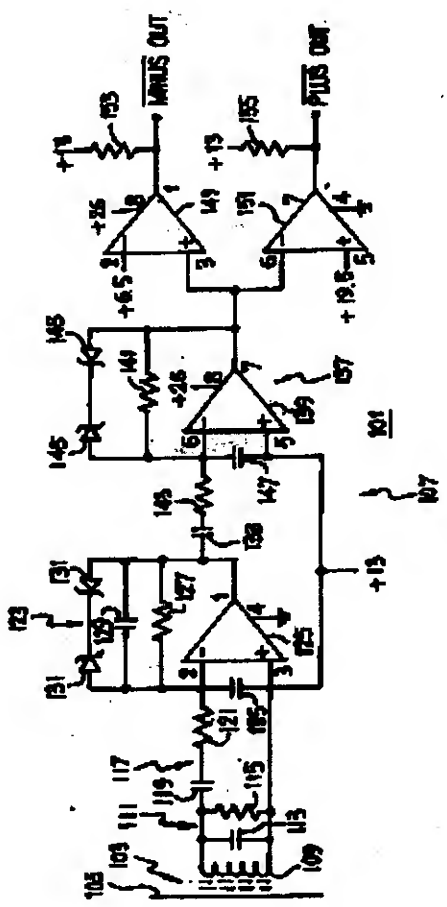
PATENT OFFICE KOLKATA.

14 CLAIMS.

Apparatus for detecting a series arching fault in an ac circuit (103) comprising:

- sensing means (107) sensing a second derivative of an ac current (1) in said ac circuit (103) to generate a second derivative signal (13); and
- signal generating means (157) generating an output signal (184) indicative of said series arching fault

characterized in that said sensing means (107) generates said second derivative signal (13) in response to a discontinuity in said ac current such as said series arcing fault, said second derivative signal containing pulses (15), and in that said signal generating means (157) generates said output signal (184) in response to a predetermined timing between said pulses (15) in said second derivative signal (13).



Complete Specifications : 14 pages. *Drawings: 5 sheets*

Ind.Cl : 206 E. **191523**

Int.Cl[4] : H 03 K – 19/00 G 05 F 3/30, H 05 B 41/29

Title : BANDGAP REFERENCE VOLTAGE CIRCUIT FOR GENERATING A TEMPERATURE-COMPENSATED REFERENCE VOLTAGE.

Applicant : SIMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : MARTIN BLOCH.

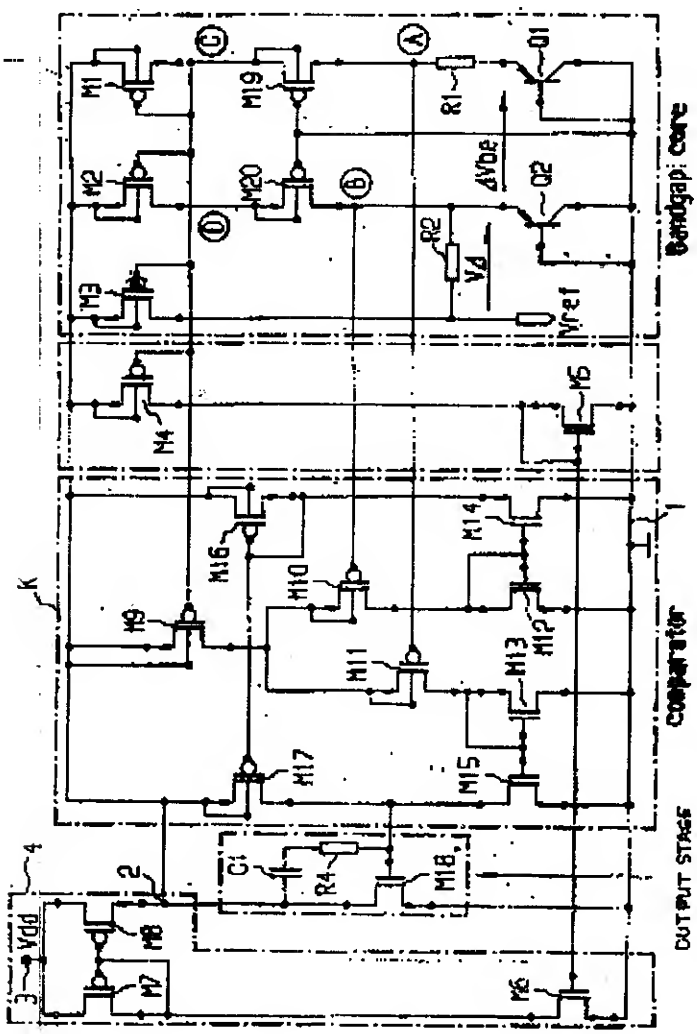
Application no. 858/CAL/97 FILED ON 13.05.1997.

(CONVENTION NO. 19620181.0 FILED ON 20.05.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

12 CLAIMS.



Bandgap reference voltage circuit for generating a temperature-compensated reference voltage (V_{ref}), having a first and second voltage divider connected between a first and second voltage terminal (1, 2) which dividers in each case have a transistor (Q1, Q2) connected as a diode to said first voltage terminal (1), said first transistor (Q1) in said first voltage divider being connected to a voltage divider point (A) of the respective voltage divider via an ohmic resistor (R3), and said second transistor (Q2) in said second voltage divider being connected directly to a voltage divider point (B) of the respective voltage divider and said two voltage divider points (A, B) being connected via a resistance device in each case to said second voltage terminal (2) and having a comparator (K) which is connected on the output side to said first voltage terminal (1), is connected by means of its inverting input to said voltage divider point (A) of said first voltage divider and is connected by means of its non-inverting input to said voltage divider point (B) of the second voltage divider, characterized in that said resistance devices are formed by resistance elements (M19, M20) of decreasing conductance with rising temperature and are connected via a current mirror arrangement (M1, M2, M3) to said second voltage terminal (2), in that there is connected to said voltage divider point (B)

of said second voltage divider an ohmic resistor (R2) which is connected by means of its free terminal, at which said reference voltage (V_{ref}) can be tapped, via the load section of a transistor (M3) to said second voltage terminal (2), the gate terminal of said transistor (M3) being connected to the tie point of said current mirror (M1, M2) and a resistance element (M19), in that supply voltage terminals of said comparator (K) are connected to said first and second voltage terminals (1, 2), and in that a controllable current source(4) is provided, which is connected between said second voltage terminal (2) and a third voltage terminal (3).

Complete Specifications : 21 pages. *Drawings: 4 sheets*

191524

Ind.Cl :

Int.Cl[4] : C 22 B 9/00

Title : A METALLURGICAL FURNACE.

Applicant : MITSUBISHI MATERIALS CORPORATION, OF 5-1, OTEMACHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : 1. HIROAKI IKOMA.
2. AKIYOSHI YAMASHIRO.
3. KIYOSHI FUJIWARA.
4. . NOBUHIRO OGUMA

Application no. 2138/CAL/96 FILED ON 11.12.1996.

(CONVENTION NO. 08/655 , 685 FILED ON 03.06.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A metallurgical furnace comprising:

A furnace bottom and an upper portion having an opening formed therethrough; a charging assembly disposed adjacent to said opening for introducing anode scrap into said metallurigical furnace through said opening, said charging assembly having a chute for introducing said anode scrap into said metallurgical furnace; and an impingement preventing device disposed in said chute of said charging assembly for preventing said anode scrap from impinging on said furnace bottom during charging said impingement-preventing device having a pair of jump rails disposed in said chute and inclined relative to said chute for turning the anode scrap being introduced by said chute.

Complete Specifications : 23 pages. ***Drawings: 7 sheets***

Ind.Cl : 10 B **191525**

Int.Cl[4] : F 42 D 1/02

Title : A LOW-ENERGY BLASTING INITIATION SYSTEM SURFACE CONNECTOR BLOCK.

Applicant : THE ENSIGN-BICKFORD COMPANY, OF 660 HOPMEADOW STREET SIMSBURY, CONNECTICUT 06070, UNITED STATES OF AMERICA.

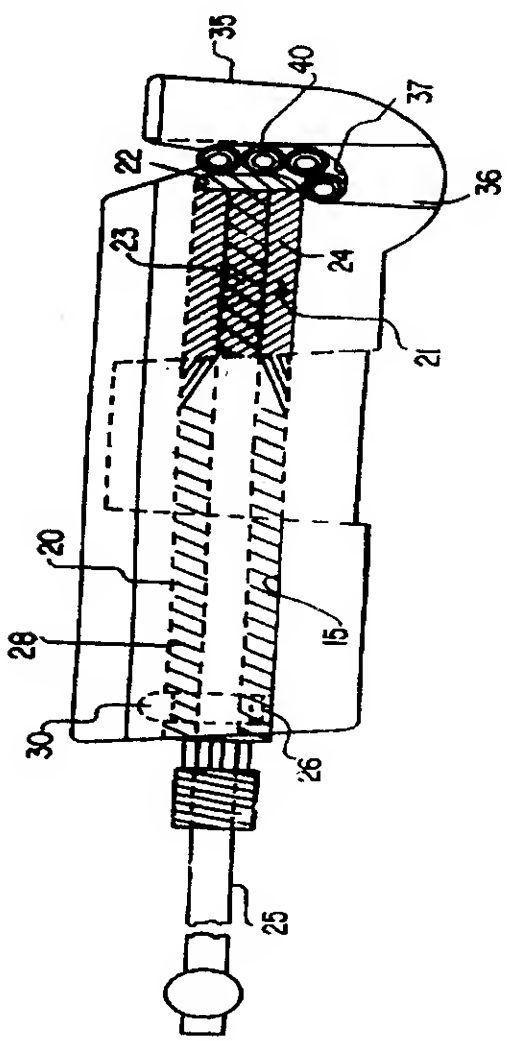
Inventor : 1. JOSEPH RICHARD MICHNA.
2. DONALDSON THOMAS J.
3. ANTHONY SENDEK.

Application no. 209/CAL/91 FILED ON 11.03. 1991

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.



A low energy blasting initiation system surface connector block (10,10',10") for initiation by a low-energy detonator (15,15') of non-directional signal transmission in one or more transmission tubes 40,45,46,47,48) having a transmission tube outside diameter, said connector block comprising:

a housing (11) having a channel (13) formed therein for receiving the detonator (15,15'), said housing (11) being of a substantial thickness and size for ease of handling;

a resiliently deformable segment (36) fixed at one end to said housing (11), at least a portion of said segment (36) being of a reduced material thickness relative to said housing (11);

a tube engaging and gripping member (35) fixed to the opposite end of said segment (36) to form a slot (37) between said housing and said member, said slot being of arcuate cross section and dimensioned and configured to receive and retain a plurality of said transmission tubes (40,45,46,47,48) , said segment (36) deforming in response to force exerted on said member (35) for positioning the transmission tubes, (40,45,46,47,48) in said slot (37); and

positioning means on said housing (11) for positioning the detonator (15,15') within said channel (13) with an explosive end (22) of the detonator in juxtaposed energy communicating relationship with the one or more transmission tubes (40,45,46,47,48) whereby activation of the detonator explosive end (22) initiates non-directional signal transmission within the transmission tubes (40,45,46,47,48).

Complete Specifications : 18 pages. *Drawings: 3 sheets*

Ind.Cl : 136 E **191526**

Int.Cl[4] : B 29 C 49/06

Title : METHOD FOR INJECTION STRETCH BLOW MOLDING HOLLOW ARTICLES.

Applicant : A K TECHNICALLABORATORY INC, OF 4963-3 OHAZAMINAMIJO SAKAKIMACHI, HANISHINA-GUN, NAGANO-KEN, JAPAN.

Inventor : 1. HISAO YAMAGUCHI.

Application no. 1417/CAL/97 FILED ON 30.07.1997

(CONVENTION NO. 8-202459 FILED ON 31.07.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A method for injection stretch blow molding a hollow article by means of injecting, to form a desired preform, a molten resin into an injection mold in which a cavity mold and a neck mold are closed, the cavity mold being for use in molding a body of the preform, the neck mold being for use in molding a mouth of the preform and in which a cavity is formed that reaches inside of the neck mold by a core mold inserted into the cavity through the neck mold, and stretch blow molding the preform in a blow mold into a hollow article, characterized by:

Injecting a molten resin from a circular resin reservoir to the cavity to injection mold the preform having no gate mark on the outer bottom surface thereof, said circular resin reservoir having a desired outer diameter to form a gate at a parting section between said cavity mold and neck mold around the cavity, said gate being communicated with an injection path formed in the parting between the cavity mold and the neck mold; and

Stretch blow molding the preform in the blow mold into a hollow article of which the outer bottom surface has no gate mark and requires no post-treatment while holding the mouth of the preform by means of the neck mold.

Complete Specifications : 18 pages. ***Drawings: 5 sheets***

191527

Ind.Cl : 206 E

Int.Cl[4] : H 03 B 7/14 , 5/18, H 04 B 1/26

Title : OSCILLATOR CIRCUIT

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

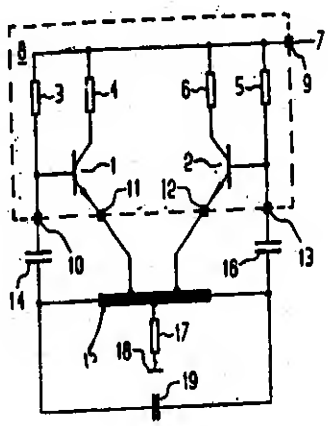
Inventor : 1. THOMAS HEILMANN.
2. ADAM BEXLEY.

Application no. 265/CAL/97 FILED ON 14.02.1997

(CONVENTION NO.19606684.0 FILED ON 22.2.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

3 CLAIMS.



Oscillator circuit comprising a resonant circuit having a capacitor (19) and an inductor (15), in which oscillator circuit

- The inductor (15) has two main terminals and is constructed as a U-shaped stripline. Characterised in that
- A centre tap and two additional taps arranged symmetrically relative to the centre tap,'
- The centre tap is arranged at the turning point of the U-shaped stripline,
- The main terminals are arranged at the limb ends of the U-shaped stripline.
- The additional taps are respectively located at the same distance from the respective limb end,
- The centre tap is coupled via a resistor (17) to a reference potential (18)
- The additional taps are connected to the emitter of in each case one transistor (1 , 2)
- The main terminals of the inductor (15) are connected , on the one hand, to one hand, to one another via a capacitor (19) , and are connected, on the other hand, to the base of in each case one of the two transistors (1,2) via in each case of one additional capactitor (14, 16) and the bases and collectors of the two transistors (1,2) are connected to supply potential (7) via in each case one resistor (3,4,,5,6).

Complete Specifications : 9 pages. ***Drawings: 1 sheet***

Ind.Cl : 173 A **191528**

Int.Cl[4] : B 05 B 1/12 , 1/16

Title : A PUMP SPRAYER

Applicant : CALMAR INC, OF 333, SOUTH TURNBULL CANYON ROAD, CITY OF INDUSTRY, CA 91745-1203, UNITED STATES OF AMERICA.

Inventor : RICHARD PAT GROGAN.

Application no. 289/CAL/97 FILED ON 18.02.1997

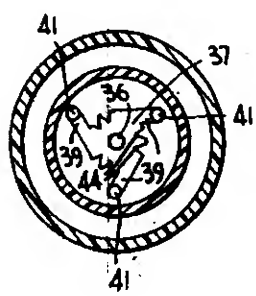
(CONVENTION NO. 08/620, 8555 FILED ON 20.03.1996 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

A pump sprayer comprising : a pump body having a fluid discharge passage and a probe, a nozzle cap on said probe, said cap having a discharge orifice and means comprising a spin chamber for imparting a spin at a given velocity to fluid to be discharged through said orifice in a predetermined spray pattern, saidspin chamber means communicating with said orifice and with said fluid discharge passage, characterised in that,



The end of said probe confronting said spin chamber has a generally cylindrical fluid flow dampening chamber there in coaxial with said spin chamber such that fluid enters said chambers and spins about the central axis of said dampening chamber, said dampening chamber having a sidewall provided with interruptions, by at least one projection extending toward the axis of said dampening chamber.

Complete Specifications : 17 pages. **Drawings: 3 sheets**

Ind.Cl : 48 A (3) **191529**

Int.Cl[4] : H 01 B 13/20

Title : A METHOD OF MAKING A COAXIAL CABLE.

Applicant : COMMSCOPE, INC. OF PO BOX 339, HICKORY, NORTH CAROLINA 28603-0339, UNITED STATES OF AMERICA.

Inventor : 1. ALAN N MOE.

2. MARK A GARNER.

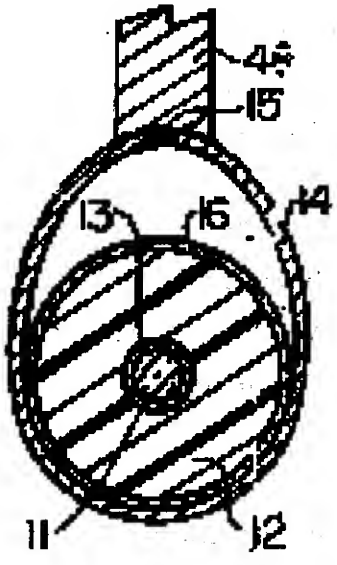
Application no. 1014/CAL/97 FILED ON 30.05.1997

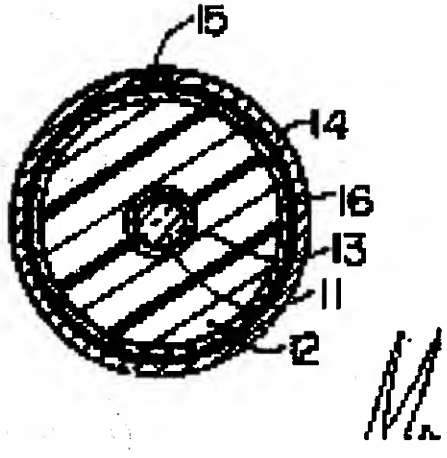
(CONVENTION NOS. 60/018,861 AND 60/018, 771 FILED ON 30.5.96 AND ON 31.5.96 IN UNITED STATES OF AMERICA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.





A method of making a coaxial cable comprising the steps of:

advancing along a predetermined path of travel a cable core comprising a conductor and an expanded foam dielectric surrounding the conductor;

directing an elongate strip of copper onto the advancing cable core and bending the copper strip into a generally cylindrical form so as to loosely encircle the core;

moving opposing longitudinal edges of the thus formed copper strip into abutting relation and forming a longitudinal weld joining the abutting edges to thereby form an electrically and mechanically continuous tubular copper sheath loosely surrounding the cable core;

simultaneously advancing the cable core and the surrounding sheath while deforming the tubular sheath into an oval configuration loosely surrounding the core, the oval configuration having a major axis generally aligned with the longitudinal weld of said sheath;

directing the longitudinal weld of the advancing sheath against a scarfing blade and scarfing weld flash from the sheath; and

sinking the advancing copper sheath onto the advancing cable core.

Ind.Cl : 206 E, 68 E **191530**

Int.Cl[4] : H 02 M 3/07 , H 01 L 27/115 , G 11 C 16/06

Title : DEVICE FOR GENERATING A NEGATIVE HIGH VOLTAGE

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. CHRISTL LAUTERBACH.
2. DR. WERNER WEBER.

Application no. 35/CAL/97 FILED ON 07.01.1997

(CONVENTION NO. 19601369.0 FILED ON 16.1.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

3 CLAIMS.

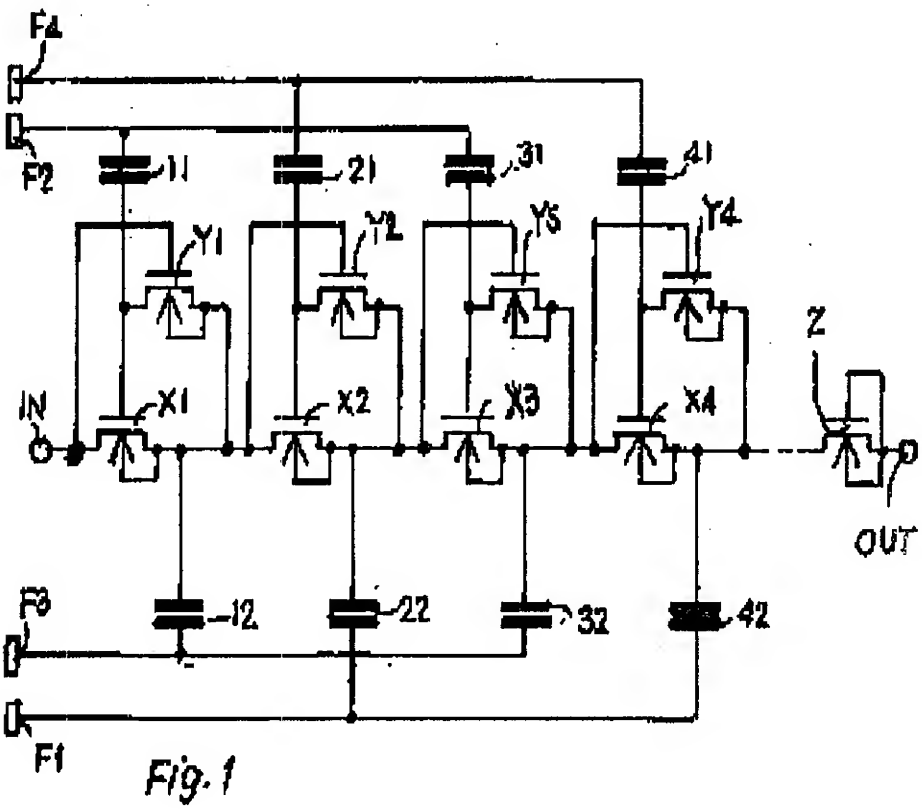


Fig. 1

Device for generating a negative high voltage, in which at least four pumping transistors (X1..X4) are connected as a series circuit, a first pumping transistor (X1) being connected directly to an input (IN) and a last pumping transistor (X4) being connected directly or indirectly to an output (OUT) of said device,

in which the gates of the odd-numbered pumping transistors (X1,X3) are connected via first capacitors (11,31) to a first clock signal input (F2) and those of the even-numbered pumping transistors (X2,X4) are connected via further first capacitors (21,41) to a second clock signal input (F4),

in which odd-numbered connection nodes (X1,X2; X3,X4) of the series circuit are connected via second capacitors (12,32) to a third clock signal input (F3) and even-numbered connection nodes (X2,X3); X4,OUT or X4,Z) of said series circuit are connected via further second capacitors (22,42) to a fourth clock signal input (F1),

characterized in that said pumping transistor (X1..X4) comprise high-voltage NMOS transistors, the channel forming wells of each said transistor being connected to a connection node situated between two adjacent transistors, thereby preventing a diode short-circuit.

Complete Specifications : 9 pages. *Drawings: 1 sheets*

191531

IND. CL.	:	128 C
INT. CL.	:	H 04 B – 012/ 04
TITLE	:	DEVICE FOR SIMULTANEOUS TRANSMISSION AND PROJECTION OF SPATIALLY AND TEMPORALLY PATTERNED SIGNALS ONTO ORAL SURFACE
APPLICANT	:	TATA INSTITUTE OF FUNDAMENTAL RESEARCH, HOMI BHABHA ROAD, COLABA, MUMBAI 400 005, MANGALDAS MARKET, AKOLA-444 001, MAHARASHTRA, INDIA.
INVENTOR	:	DR.UPINDER SINGH BHALLA
APPLICATION NO	:	126 BOM 1999 FILED ON 24.02.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH , MUMBAI - 13.

13 Claims

Device for simultaneous transmission and projection of spatially and temporally patterned signals onto oral surface comprising a transduction unit comprising a plurality of transducing elements located on a biocompatible electrically non-conducting material basal support provided with anchoring means to removably fix the basal support to the oral surface a signal amplifying and conditioning unit connected to the transducing elements a decoder unit connected to the signal amplifying and conditioning unit, a receiver unit connected to the decoder unit, a transmitter unit connected to the receiver unit an encoder unit connected to the transmitter unit and a computational unit connected to the encoder unit and to an input unit through an input interface unit.

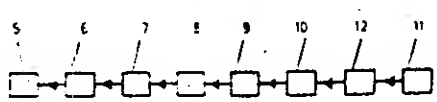


FIG 1

Complete specification 14 pages : Drawings 1 Sheet.

191532

IND. CL. : 24 F

INT. CL. : F 15 B 009|12

TITLE : AN IMPROVED BRAKE SYSTEM FOR TWO WHEELER

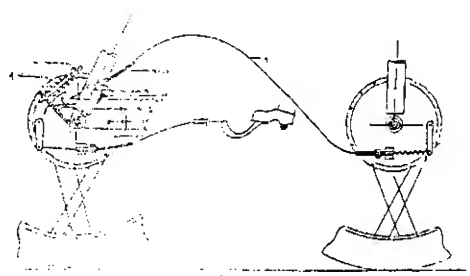
APPLICANT : MANANJAY VIJAY MORE
15, ANUPAM SOCIETY,
&
BEHIND G.P.O.
NASHIK (MAHARASHTRA)
INVENTORS PIN. 422 001, AN INDIAN NATIONAL

APPLICATION NO. : 152|BOM|1999 **FILED ON :** 01-03-1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI 13.

04 CLAIMS :

An improved brake system for two wheeler vehicle comprising front wheel with free rotatable brake drum with spring bias, and rear wheel non rotatable brake drum; said front and rear brake drums having brake operating lever which is actuated by cable wires; the said front wheel brake operating lever is connected to the brake applying lever by means of cable wire; the said brake drum operating lever of rear wheel is connected to the said front brake drum by means of cable wires.



Complete specification: 06 pages. Drawing: 2 sheet

191533

IND. CL. : 40 B

INT. CL. : C 12 N – 9/48

TITLE : A PROCESS FOR THE PREPARATION OF STABLE IMMOBILISED PENICILLIN AMIDASE BIOCATALYST.

APPLICANT : KOPRAN LIMITED, MEHRA INDUSTRIAL ESTATE, M.VASANJI ROAD, SAKINAKA,MUMBAI 400 072, MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : (1) SUBHASH MALI
(2) AJAY SHRIVASTAVA
(3) JAYANT DESHPANDE
(4) ARVIND SHARMA

APPLICATION NO : 279 BOM 1999 FILED ON 15.04.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH , MUMBAI - 13.

05 CLAIMS

A process for the preparation of stable immobilized penicillin amidase enzyme biocatalyst, comprising of-

a) preparing the polymeric beads by
   i. copolymerising acrylonitrile with glycidyl methacrylate in water in presence of initiator, crosslinking monomer, porogen and protective colloid at a pH between 5.5 to 9.2,
   ii. refluxing the mixture under agitation in a glass vessel at 55-95°C for 2-8 hrs,
   iii. cooling the reaction mass to room temperature,
   iv. filtering the polymeric suspension to separate out the polymer beads,
   v. washing the beads obtained in step (iv) with water followed by organic solvents and drying to obtain reactive polymeric beads.

b) mixing concentrated penicillin amidase enzyme solution, having an activity of 350-550 U/ml, with beads of polymer matrix prepared as per step 1(a),

c) diluting the resultant reaction mixture with a phosphate buffer of capacity 1000 to 2100 mM,

d) allowing the reaction to continue for 24-72 hrs.,

e) filtering the reaction mass to separate the biocatalyst,

f) washing and resuspending the biocatalyst is phosphate buffer of capacity 100 mM.

Comp.specn. 07 pages Drawing: NIL

191534

IND. CL. : 32 F (2)(b)

INT. CL. : CO7 D 2 11/52

TITLE : PROCESS FOR THE PREPARATION OF THE SUBSTITUTED (2S)-1-(4- BENZYLOXYPHENYL)-2-(4-HYDROXY-4-PHENYLPIPERIDIN-1-YL)- 1-PROPANONE.

APPLICANT : PFIZER PRODUCTS INC.
EASTERN POINT ROAD,
GROTON, CONNECTICUT 06340,
UNITED STATE OF AMERICA.

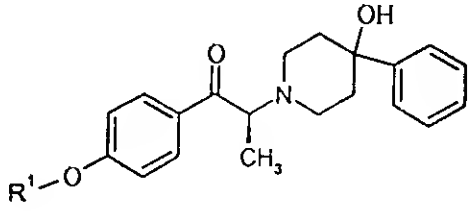
INVENTORS :
1. JOSEPH PHILIP RAINVILLE
2. TERRY GENE SINAY JR.
3. STANLEY WALTER WALINSKY

APPLICATION NO. : 357 MUM 2001 **FILED ON :** 20-04-2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI 13.

07 CLAIMS

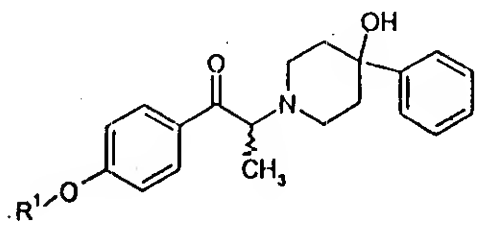
A process for the preparation of the substituted (2S)-1-(4-benzyloxyphenyl)-2-(4-hydroxy-4-phenylpiperidin-1-yl)-1-propanone compound of formula (II):



(II)

wherein R^1 is a protecting group selected from the group consisting of benzyl, $(C_1\text{-}C_6)$alkylbenzyl, $(C_1\text{-}C_6)$alkoxylbenzyl, tri$(C_1\text{-}C_6)$alkylsilyl, acyl and aroyl; comprising the steps of :

(i) reacting, in the manner such as herein described, a compound of formula (IV):



(IV)

with diaroyl D-tartrate compound of the kind such as herein described;

(ii) treating, in the manner such as herein described, the (2S)-enantiomer D-tartrate salt product of step (I) with a weak base of the kind such as herein described to result in substituted (2S)-1-(4-benzyloxyphenyl)-2-(4-hydroxy-4-phenylpiperidin-1-yl)-1-propanone compound of formula (II).

Complete specification: 17 pages, **Drawings: NIL Sheets**

191535

IND. CL.	:	61 B
INT. CL.	:	BO 1D 33/62
TITLE	:	METHOD FOR DRYING OF FINELY DIVIDED MATERIALS.
APPLICANT	:	OUTOKUMPU OYJ RIIHITONTUNTIE 7, FIN 02200 ESPOO, FINLAND. A FINNISH PUBLIC LTD CO.
INVENTORS	:	1. EKBERG BJARNE 2. NORRGARD GORAN 3. JUAREZ JUAN A. GALLEGO 4. CORRAL RODRIGUEZ 5. SEGURA LUIS ELVIRA
APPLICATION NO.	:	423 BOM 1999 **FILED ON :** 04-06-1999
PRIORITY NO	:	981293 **DATED :** 05-06-1998 OF FINLAND

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI 13.

09 CLAIMS

A method for drying of finely divided materials in which a filter cake made of a slurry containing liquid and finely divided solids is formed on a substantially planar surface of a filter medium by suction, the filter cake having substantially planar outer and inner surfaces, said inner surface being in contact with an outer surface of the filter medium, the method comprising placing the outer surface of the filter cake and a substantially planar outer surface of an oscillator in a mechanical contact with each other, so that an acoustic field, having an oscillation frequency is generated throughout the filter cake, wherein the entire outer surface of said oscillator is in substantially continuous contact with said outer surface of said filter cake when said acoustic field is generated, and removing residual liquid in the filter cake which is difficult to remove by said suction alone by applying the acoustic field to the outer surface of said filter cake..

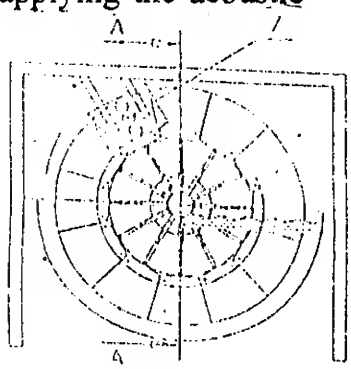


FIG. 1

Complete specification: 12 pages, Drawings: 03 Sheets.

IND. CL.	:	**32 F 1, 55 D2**	**191536**
INT. CL.	:	**A 01 N**	
TITLE	:	**A PROCESS FOR THE GRANULAR PREPARATION OF SYNERGISTIC INSECTICIDAL COMPOSITION.**	
APPLICANT	:	**UNITED PHOSPHORUS LIMITED, UNIPHOS HOUSE, C.D.MARG, KHAR (WEST), MUMBAI-400 052, MAHARASHTRA, INDIA, INDIAN COMPANY.**	
INVENTORS	:	**1. JAIDEV RAJNIKANT SHROFF** **2. PRAKASH MAHADEV JADHAV**	

APPLICATION NO.: 1161 MUM 2000 FILED ON 27.12.2000
COMPLETE AFTER PROVISIONAL FILED ON 20.12.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003) PATENT OFFICE BRANCH, MUMBAI-400 013.

17 CLAIMS

A process for the granular preparation of synergistic insecticidal composition of Cypermenthrin and Acephate comprises of following steps :

a. Preparation of a spray solution by homogeneously mixing the Cypermethrin active with solubilizer and emetic agent;

b. preparation of a homogeneous mixture of Acephate active with wetting cum dispersing agent additives and filler(s);

c. spraying the spray solution prepared in (a) on to the mixture prepared in (b);

d. homogenously mixing the whole mass of step (c);

e. feeding the mass of the step (d) into the granulator for granulation;

f. the granules of the step (e) are then processed for sizing and sieving to have the granular preparation of the synergistic insecticidal composition of this invention.

Comp.specn. 28 pages Drgs. 1 Sheet

IND. CL. : 32 F2 (b) **191537**

INT. CL. : C 07 D - 277/56

TITLE : A METHOD OF PRODUCING CRYSTAL A OF 2-(3-CYANO-4-ISOBUTYLOXYPHENYL)-4-METHYL-5-THIAZOLECARBOXYLIC ACID FOR USE AS THERAPEUTIC AGENT.

APPLICANT : TEIJIN LIMITED, 6-7 MINAMIHOMMACHI, 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541 0054, JAPAN, A JAPANESE CORPORATION.

INVENTORS : (1) KOICHI MATSUMOTO,
(2) KENZO WATANABE
(3) TOSHIYUKI HIRAMATSU
(4) MITSUTAKA KITAMURA

INTERNATIONAL APPLICATION NO : PCT/JP99/03258 DATED 18.06.1999

INDIAN APPLICATION NO. IN/PCT/2000/00009/MUM DATED 16.02.2000

PRIORITY NO. 10-173079 DATED 19.06.1998 OF JAPAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) **PATENT OFFICE BRANCH, MUMBAI - 13.**

02 CLAIMS

A method of producing crystal A of 2-(3-cyano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid for use as therapeutic agent, said method comprising:

crystallizing 2-(3-crano-4-isobutyloxyphenyl)-4-methyl-5-thiazolecarboxylic acid at the start of crystallization in the presence of a composition of a mixed solvent comprising from 100:0 to 80:20 of methanol and water under at least 50 degree C to produce the desired product.

Comp.specn. 21 pages Drawings: 12 sheets

IND. CL.	: 68 E1	**191538**
INT. CL.	: F 21 P – 1/ 04, F21 V-33/00	
TITLE	: TEMPORARY AND/OR EMERGENCY LIGHTING SYSTEM WITH INFLATABLE BEARING STRUCTURE.	
APPLICANT & INVENTORS	: MEDICI, GUIDO OF VIA FRATELLI BANDIERA, 76, I-30175 MARGHERA ITALY, ITALIAN NATIONAL.	
INTERNATIONAL APPLICATION NO	: PCT/IT99/00033 DATED 16.02.1999	
INDIAN APPLICATION NO.	IN/PCT/2000/00018/MUM DATED 04.04.2000	
PRIORITY NO.	VE 98U 000007 DATED 16.03.1998 OF ITALY.	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

Temporary and/or emergency lighting system, comprising an inflatable bearing structure made of fabric or flexible plastic material, provided at its top with one or more light sources and at its bottom with a support base, and also provided with at least one fan to constantly convey air inside said structure and maintain sufficient pressure to guarantee the stability and stiffness of the structure itself, characterized in that said bearing structure is constituted by one or more superimposed cylinders or cones, internally divided in sections through the positioning of partitions or discs provided with holes that ensure the progressive and vertical inflation of the structure, and wherein, in the lower part, in correspondence with the air inlet vents, a check valve is provided in order to prevent the structure from rapidly deflating in case of malfunction of the fan.

Comp.specn.: 23 pages Drawings 05 sheets

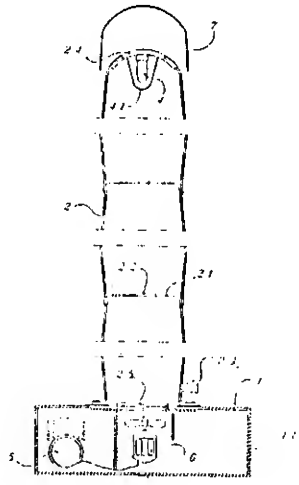


FIG. 3

IND. CL. : 55 E 4 191539

INT. CL. : A 61 K 9/58

TITLE : **PROCESS FOR PREPARING A UNIT DOSAGE FORM FOR THE TREATMENT OF DIABETES MELLITUS.**

APPLICANT : **SUN PHARMACEUTICAL INDUSTRIES LTD., ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI-400 059, MAHARASHTRA, INDIA.**

INVENTORS :
1. **KIRTI GANORKAR WARDHAMAN**
2. **SATISH C. KHANNA**
3. **YASHORAJ RUPSINH ZALA**
4. **NITIN BHALACHANDRA DHARMADHIKARI**

APPLICATION NO.: 37 MUM 2001 FILED ON 12.01.2001
COMPLETE AFTER PROVISIONAL FILED ON 20.09.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003) PATENT OFFICE BRANCH, MUMBAI-400 013.

16 CLAIMS

A process for preparing a unit dosage form for the treatment of diabetes mellitus and conditions associated with diabetes mellitus, comprising

a. providing a delayed release composition mixing biguanide antidiabetic agent with pharmaceutically acceptable excipients, and coating the composition with a delayed release coat comprising delayed release material selected from the group consisting of enteric polymers, water insoluble polymers, hydrophobic compounds, hydrophilic non-polymeric compounds and mixtures thereof,

b. providing a second immediate release composition comprising mixing a sulfonyl urea and pharmaceutically acceptable excipients, and

c. converting the compositions obtained in steps 'a' and 'a' above into a unit dosage form, whereby the composition release the biguanide antiabetic agent after a predetermined time spacing or interval after administration of the dosage form, and releases the sulfonyl urea immediately upon oral administration of the unit dosage form.

Comp.spcen. 22 pages Drgs. NIL Sheet
pages Drgs Nil Sheet

Ind. Cl. : 128 F;G **191540**

Int Cl [4] : A 61 M 15/00

"A DEVICE FOR INCREASING BIOAVAILABILITY OF AN ACTIVE AGENT"

APPLICANT(S) : NEKTAR THERAPEUTICS
OF 150 INDUSTRIAL ROAD
SAN CARLOS, CALIFORNIA 94070
USA, A US COMPANY.

INVENTOR(S) : 1. ANDREW CLARK
2. GEORGE H FOULDS

APPLICATION NO : 291 MAS 99 filed on 12-Mar-99

CONVENTION NO : No. 60/078,212 on 16th Mar 1998 USA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

7 CLAIMS

A device for increasing bioavailability of an active agent as herein described, said device comprising a base portion (106) and a capture chamber (112) for containing the active agent and a compressed air; the said base portion comprising a handle (108), a lever (110) for lifting a blister (104) into place, a button (116) for puncturing the blister (104) by depressing, the said capture chamber (112) comprising a mouth piece (114) for introducing into the mouth of a patient, characterized in that a flow restricter (103) with one or more aperture (102) is located in the flow path of the active agent and the compressed air from the capture chamber to restrict the flow rate to less than 17 liters per minute.

COMP. SPECN: 24 PAGES DRAWINGS: 3 SHEETS.

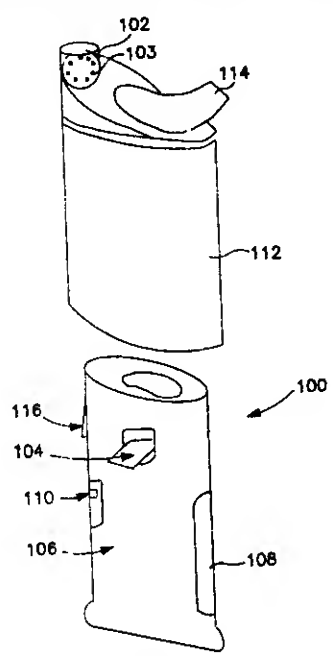


FIG. IA

Ind.Cl.: 83 A 1 **191541**

Int Cl [4] : A 23 L 1 / 00

"A PROCESS FOR MANUFACTURING A PSYLLIUM HUSK CONTAINING INTERMEDIATE PRODUCT"

APPLICANT(S) : SOCIETE DES PRODUITS NESTILE SA
PO BOX 353 1800 VEVEY
SWITZERLAND
A SWISS BODY CORPORATE

INVENTOR(S) : 1. BURRI JOSEF;
2. GUEX CLAUDE.

Application No. 848/MAS/00 filed on 06-Oct-00

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

4 CLAIMS

A process for manufacturing a psyllium husk containing intermediate product, which consists of preparing a mixture comprising, in parts by weight, from 84 to 96 parts of psyllium husk, such as herein described up to 8 parts of oil or fat, up to 10 parts of cereal bran, up to 10 parts of vegetable binder, up to 1.5 parts of disodium phosphate and added water up to a water content of from 24 to 45%, cooking-extruding the mixture at a temperature of from 130 to 220°C under a pressure of from 10 to 18 Mpa for from 5 to 50 secs, obtaining a rope of expanded thermoplastic mass, cutting the rope into pieces, followed by drying.

COMP.SPECN: 15 PAGES DRAWING: NIL SHEETS.

Ind. Cl. : 32 F 1 **191542**

Int Cl[4] : C 07 C 79/32

"A PROCESS FOR THE PREPARATION OF 3,4,5-TRIFLUORONITROBENZENE"

APPLICANT(S) : Dr. REDDY'S RESEARCH FOUNDATION,
AN INDIAN COMPANY HAVING ITS
REGISTERED OFFICE AT 7-1-27,
AMEERPET HYDERABAD - 500 016,
A.P., INDIA

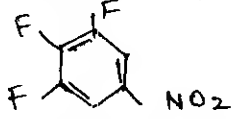
INVENTOR(S) : 1. NATESAN SELVAKUMAR;
2. MOHAMMED ABDUL RAHEEM.

APPLICATION NO : 577 MAS 00 filed on 25-Jul-00

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

18 CLAIMS

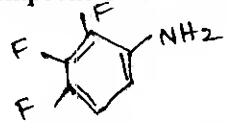
A process for the preparation of 3,4,5-trifluoronitrobenzene of the formula (1)



(1)

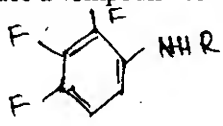
Which comprises:

(i) acetylation of the compound of the formula(3)



(3)

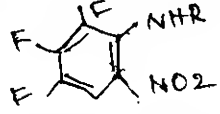
using an acetylating agent to produce a compound of formula (4).



(4)

Where R represents acetyl group,

(ii) nitration of the compound of formula (4) to produce a compound of formula (5)



(5)

using conventional nitrating agents where R represents $-COCH_3$,

(iii) deacetylating the compound of formula (5) where R represents $-COCH_3$ to a compound of formula (5) where R represents hydrogen atom using conventional reagents,

(iv) aromatic reductive deamination of the compound of the formula(5) where R represents hydrogen atom using $NaNO_2$ and H_2SO_4 in the presence of solvent selected to produce the compound of formula (1).

COMP:SPECN: 11 PAGES DRAWING: NIL SHEETS

Ind.Cl.: 55 B 3 **191543**

Int Cl [4] : A 01 N 65/00

"PROCESS FOR PREPARATION OF ANTIFEEDANT COMPOSITION FROM DEFATTED SEEDS OF ANNONA SQUAMOSA (SITAPHAL)"

APPLICANT(S) : MADHURIMA BENAKAREDDY
4-597-F, BELLARY ROAD,
ANANTAPUR-515004 ANDHRA PRADESH
AND
PROF.C. SUBRAMANYAM
DEPARTMDENT OF BIOCHEMISTRY,
OSMANIA UNIVERSITY,
HYDERABAD 500 007.
ANDHRA PRADESH

INVENTOR(S) : 1. MADHURIMA BENAKAREDDY;
2. PROF.C. SUBRAMANYAM.

Application No. 925/MAS/99 filed on 20-Sep-99

APPROPRIATE OFFICE FOR OPPOSITION PRDCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

5 CLAIMS

A process for isolation of a bioactive composition from defatted seeds of Annona squamosa comprising the following steps:

a. 100% defatting of the decorticated seed kernels of A. sequamosa by Soxhlet extraction preferably using petroleum ether
b. drying the defatted seed kernels obtained from step (a)
c. extraction of the dried mass obtained from step (b) with a known solvent, such as herein described
d. the product obtained at the end of step (c) is filtered and clarified by known methods
e. the supernatant from step (d) is evaporated to dryness to isolate the bioactive composition.

COMP.SPECN:19 PAGES DRAWING: 15 SHEETS.

Ind. Cl. : 83 B 5 **191544**

Int Cl [4] : A 23 C 1/234

"A PROCESS FOR RECOVERING AN AROMA / FLAVOR COMPOSITION"

APPLICANT(S) : SOCIETE DES PRODUITS NESTLE S A
P O BOX 353 1800 VEVEY
SWITZERLAND
A SWISS BODY CORPORATE

INVENTOR(S) : 1. MARIA TEMPERINI;
2. ROBERT JOHN MAZUREK;
3. DAVID L BARFUSS;
4. DEAN FREDERICK RUSHMORE.

APPLICATION NO : 896 MAS 99 filed on 9 Sep 99
CONVENTION NO. : 09/157587 ON 21 SEP 98 USSW
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

11 CLAIMS

A process for recovering an aroma/flavor composition/comprising cooling in at least two cooling zones at a temperature of less than about -80^0C an aroma containing gas which has aldehydes, water and acetic acid to condense a portion of said water and substantially all of said acetic acid, removing said condensed water and acetic acid therefrom to produce an aroma containing gas water in an amount sufficiently low enough to inhibit separation of the composition from an oil or fat carrier and to inhibit microbiological growth and atleast 75% by weight of an aldehyde mixture of 2-methyl propanal, 3-methyl butanal, and 2-methyl butanal said gas being substantially free of acetic acid and recovering said aroma containing gas as the aroma/flavor composition in a known manner.

COMP.SPACN: 24 PAGES DRAWING: 2 SHEETS.

Ind.: 32 F 2(b) **191545**

Int Cl [4] : C 07 D 211 / 00

"A PROCESS FOR THE PRODUCTION OF 3-METHYLPYRIDINE"

APPLICANT(S) : LONZA LTD. OF GAMPEL / VALAIS, SWITZERLAND, A SWISS COMPANY

INVENTOR(S) : 1. JOSEF HEVELING;
2. ERICH ARMBRUSTER;
3. WALTER SIEGRIST.

APPLICATION NO : 394 MAS 99 filed on 06-Apr-99

Divisional to Patent Application No:252/MAS/94
Ante-dated to 31st Mar, 1994

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

13 CLAIMS

A process for the production of 3-methylpyridine comprising passing gaseous 2-methyl-1, 5-diaminopentane over a catalyst at a temperature of 300-400^{0}C, wherein the catalyst includes, as an active component, at least one Al and/or Si oxide, has a ratio of acidic to basic centers greater than 2 on its surface and a specific surface area in excess of 40m^2/g, and passing the resultant 3-methylpiperidine over a dehydrogenation catalyst to obtain 3-methylpyridine.

COMP.SPECN: 23 PAGES DRAWING: NIL SHEETS.

Ind. Cl. : 74 **191546**

Int Cl [4] : A 47 G 27 / 02

"NON FRAYABLE BRUSH MATS WITH NON SKID BACKING, A DEVICE AND A METHOD OF MAKING SUCH MATS"

APPLICANT(S) : VELAYIL VELAYUDHAM PAVITHRAN
OF THE TRAVANCORE MATS & MATTING
COMPANY P B NO 5, CHERTHALA
KERALA
AN INDIAN NATIONAL

INVENTOR(S) : 1. VELAYIL VELAYUDHAM PAVITHRAN.

APPLICATION NO : 393 MAS 96 FILED ON 13-Mar-96 INDIA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

13 CLAIMS

Non-frayable brush mats with non skid backing comprising woven brush mats of the desired length, shape and size having a non-skid backing formed by bonding the weft and the tight slack warp of the base of the said mat with an adhesive composition consisting of a blend of centrifuged latex having at least 60% natural latex or cream concentrated latex having a dry rubber content of 35 to 58%, a solution of casein in ammonia, starch solution known preservatives, vulcanizing agents, accelerators and antioxidants.

COMP.SPECN: 14 PAGES DRAWING: NIL SHEETS.

Ind. Cl. : 104 F

191547

Int Cl [4] : C 09 J 3 / 12

"A LATEX BASED ADHESIVE COMPOSITION".

APPLICANT(S) : VELAYIL VELAYUDHAM PAVITHRAN
AN INDIAN NATIONAL OF THE
TRAVANCORE MATS & MATTING
COMPANY P B NO.5, CHERTHALA
KERALA

INVENTOR(S) : 1. VELAYIL VELAYUDHAM PAVITHRAN.

APPLICATION NO : 269 MAS 96 FILED ON 20-Feb-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

8 CLAIMS

A latex based adhesive composition comprising a blend of

a) 0.5 to 5 parts by volume of centrifuged latex selected from natural latex and latex having 35 to 58% of dry rubber;
b) 0.1 to 3 parts by volume of 10% solution of casein in ammonia;
c) 2 to 8 parts by volume of 20% solution of starch;
d) upto 0.03 part by volume of an accelerator such as herein described;
e) upto 0.03 part by volume of known vulcanising agents; and optionally
f) upto 0.1 part of known oxidants and
g) upto 0.01 part of known preservative.

COMP.SPECN: 10 PAGES DRAWING: NIL SHEETS.

Ind. Cl. : 6 A4 **191548**

Int.Cl4: A 47 L 9/22

"A VACUUM CLEANER"

APPLICANT(S) : DAEWOO ELECTRONICS CORPORATION, OF 686 AHYEON-DONG, MAPO-GU, SEOUL, KOREA, A KOREAN COMPANY.

INVENTOR(S) : 1. JAE-DUCK LEE.

APPLICATION NO : 1736 MAS 95 Filed on 28-Dec-95

CONVENTION NO : 95-28291 ON 31-Aug-95 KOREA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003)PATENT OFFICE, CHENNAI BRANCH.

11 CLAIMS

A vacuum cleaner comprising: a housing having a suction port for sucking an air having a dirt, a dust collecting chamber for collecting the dirt in the air, and a blowing chamber for exhausting the sucked air out of the vacuum cleaner through an exhaust port, the blowing chamber being separated from the dust collecting chamber by a compartment;

a first means for generating a suction force so as to suck the air through the suction port;

a second means for absorbing a noise generated by the air that has discharged from the first means, the second means being incorporated with the first means in order to form a first fluid path between the first means and second means, the first fluid path converting direction of the air that has discharged from the first means so as to lengthen a first flow length of the air, the air being fully in contact with the second means through the first fluid path; and

a third means for absorbing a noise generated by the air that has discharged from the second means, the third means being incorporated with the second means in order to form a second fluid path between the second means and third means, the second fluid path converting directions of the air that has discharged from the second means so as to lengthen a second flow length of the air, the air being in full contact with third means through the second fluid path.

COMP.SPECN: 19 PAGES DRAWING: 4 SHEETS,

Ind. Cl. : 179 A **191549**

Int Cl [4] : B 65 D 41/34
B 65 D 47/12

"A SECURITY CLOSURE FOR BOTTLES AND THE LIKE"

APPLICANT(S) : GUALA CLOSURES PATENTS BV
HERENGRACHT 548
1017 CG AMSTERDAM,
THE NETHERLANDS;
A DUTCH COMPANY;

INVENTOR(S) : 1. MR PIERO BATTEGAZZORE.

APPLICATION NO : 1402 MAS 95 FILED ON 31-Oct-95 INDIA

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

A security closure (1) for bottles and the like, of the type comprising a pourer body (2), a cylindrical sleeve (3) having an internal rim (10) for retaining the pourer body (2), a cap (4), a threaded coupling (17) between the cap (4) and the pourer body (2) for the unscrewing and screwing of the cap (4), and a security band (5) comprising a ring (28) which is fixed to the cap (4) by means of a weakened line (29), external teeth (33) being formed on the cylindrical sleeve (3) and opposing internal teeth (34) being formed on the ring (28) for engaging the teeth (33) when the cap is first unscrewed, characterized in that the ring (28) is divided into at least two portions (30,31) and the external teeth (33) are formed in a recess (11) in the cylindrical sleeve (3) defined by a sloping shoulder (3a).

COMP.SPECN: 10 PAGES DRAWING: 3 SHEETS.

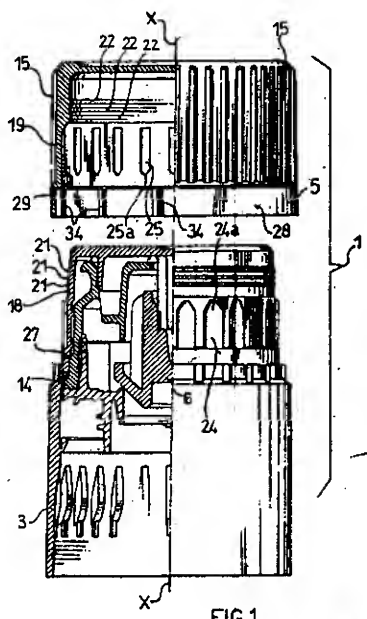


FIG.1

Ind. Cl. : 32 C **191550**

Int Cl[4] : C 08 F 6 / 00

"A PROCESS FOR THE MODIFICATION SUCH AS DEGRADATION, CROSS-LINKING AND GRAFTING OF A (CO) POLYMER"

APPLICANT(S) : AKZO NOBEL N V
VELPERWEG 76
6824 BM ARNHEM
THE NETHERLANDS
A DUTCH COMPANY

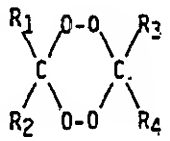
INVENTOR(S) : 1. JOHN MEIJER;
2. ANDREAS HERMANNHOGT;
3. GERRIT BEKENDAM;
4. LEONIE ARINA STIGTER.

APPLICATION NO : 939 MAS 95 FILED ON 24-Jul-95

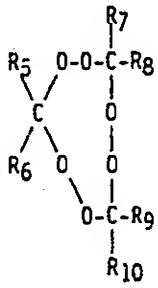
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

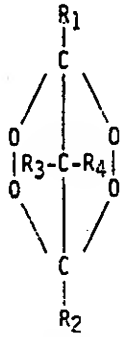
1. A process for the modification such as degradation, cross-linking and grafting of a (co)polymer, comprising the step of contacting said (co)polymer with an organic peroxide, optionally in the presence of a coagent, under the conditions whereby at least some of said organic peroxide is decomposed, characterized in that at least 20% of the total active oxygen contact of the organic peroxide is attributable to at least one cyclic ketone peroxide selected from peroxides represented by the formulae I-III;



(I)



(II)



(III)

wherein R_1-R_{10} are independently selected from the group consisting of hydrogen, C_1-C_{20} alkyl, C_3-C_{20} cycloalkyl, C_6-C_{20} aryl, C_7-C_{20} aralkyl and C_7-C_{20} alkaryl, which groups may include linear or branched alkyl moieties; and each of R_1-R_{10} may be optionally substituted with one or more groups selected from hydroxy, C_1-C_{20} alkoxy, linear or branched C_1-C_{20} alkyl, C_6-C_{20} aryloxy, halogen, ester, carboxy, nitrile, and amido and recovering the modified (co)polymer from the reaction stream in a known manner.

COMP. SPECN. : 49 PAGES; DRAWING : NIL SHEETS.

Ind.Cl.: 143 D 3 & D 4 **191551**

Int Cl [4] : B 65 D 67 / 00

"RANDOM DUMPED PACKING ELEMENT"

APPLICANT(S) : NORTON CHEMICAL PROCESS
PRODUCTS CORPORATION
3855 FISHCREEK STOW, OHIO 44224
USA
A US COMPANY

INVENTOR(S) : 1. FRANK D MOORE.

Application No. 936/MAS/95 filed on 21-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

10 CLAIMS

A random dumped packing element having an arcuate body member and at least one bridging loop extending between the open ends of the arc of the body member, said loop having a curvature opposite to that of the arc so as to enclose a space bounded by the arcuate body and the bridging loop, wherein the body member has an embossment providing a convex protusion extending within and along essentially the length of the arc of the body and correspondingly a channel in the convex outward facing surface of the arcuate body member.

COMP.SPECN: 12 PAGES DRAWING: 2 SHEETS.

Ind.Cl.:67 C

191552

Int.Cl[4]:G 01 D 11/24

" A TRANSMITTER FOR TRANSMITTING A PROCESS VARIABLE OVER CABLING".

Applicant: ROSEMOUNT INC
12001 TECHNOLOGY DRIVE
EDEN PRAIRIE
MINNESOTA 55344
USA(A corporation organized and existing under the laws of the state of minnesota.

Inventors: 1. JOHN D JOHNSON
2. WILLIAM R.KIRKPATRICK.

Application No938/MAS/95 filed on 24-JUL-95

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

12 Claims

A transmitter for transmitting a process variable over cabling, comprising a cylindrical housing having a process mounting disposed on a base of the housing, the housing having a first and a second compartment sharing an internal bulkhead, the second compartment tending to receive moisture and capped by a cover; a first access channel disposed on the housing adjacent to the process mounting in the second compartment, the access channel forming an intersection substantially flush with an inner surface of the second compartment, the access channel connectable to an external piece of electrical conduit containing the cabling; a circuit in the first compartment compensating the process variable, the circuit providing the compensated process variable to a feed through circuit in the bulkhead; and a pair of terminals in the second compartment connected to the feed through circuit and to a pair of conductors in the cabling, where the transmitter drains moisture through the channel in a range of mountings.

Comp.Specn.19 Pages; Drgs5 Sheets.

Ind.Cl.: 32 E **191553**

Int Cl [4] : C 08 F 2 / 14

"AN OLEFIN POLYMERIZATION PROCESS"

APPLICANT(S) : DOW GLOBAL TECHNOLOGIES INC,
OF WASHINGTON STREET,
1790 BUILDING, MIDLAND,
MICHIGAN 48674,
U S A

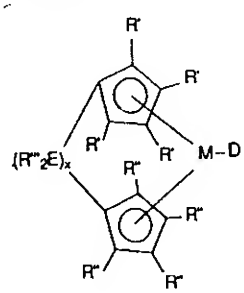
INVENTOR(S) : 1. FRANCIS J. TIMMERS;
2. DAVID D. DEVORE;
3. JAMES C. STEVENS;
4. ROBERT K. ROSEN;
5. JASSON T. PATTON;
6. DAVID R. NEITHAMER.

Application No. 978/MAS/95 filed on 01-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

11 CLAIMS

An olefin polymerization process wherein at least one α – olefin having from 2 to 10 carbon atoms is contacted with a catalyst composition comprising a metal complex and an activating cocatalyst at a temperature from 0 to 250^0 C and a pressure from atmospheric to 3000 atmospheres characterized in that the metal complex corresponds to the formula:



wherein:

M is titanium, zirconium or hafnium in the +2 or +4 formal oxidation state;

R' and R" in each occurrence are independently selected from the group consisting of hydrogen, methyl, phenyl, or adjacent R' groups and/or adjacent R" groups together form a divalent derivative thereby forming a fused ring system;

$(R'''_2\ E)_x$ is 1,2-ethanediyl, 2,2-propanediyl or dimethylsilane; and D is a stable, conjugated diene, optionally substituted with one or more hydrocarbyl groups, silyl groups, hydrocarbylsilyl groups, or a silyhydrocarbyl groups, or mixtures thereof, said D having from 5 upto 40 carbon atoms.

Comp:specn: 67 pages Drawing: Nil sheets.

Ind. Cl. : 32 F2 C **191554**

Int Cl [4] : C 07 C 87 / 14

"A PROCESS FOR PREPARING DIAMINES"

APPLICANT(S) : BASF AKTIENGESELLSCHAFT
67056 LUDWIGSHAFEN
BUNDESREPUBLIK DEUTSCHLAND
(GERMANY)
A GERMAN JOINT STOCK COMPANY.

INVENTOR(S) : 1. RAINER BECKER; 2. VOLKMAR MENGER;
3. WOLFGANG REIF; 4. ANDREAS HENNE.

APPLICATION NO : 1020 MAS 95 FILED ON 09-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003)PATENT OFFICE, CHENNAI BRANCH.

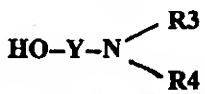
10 CLAIMS

A process for preparing diamines of the general formula I

(I)

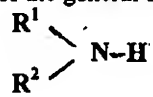
Where
R^1 R^2 R^3 R^4 are C_1- to C_{20} –alkyl, C_3 – to C_{12} – cycloalkyl, aryl, C_7 – to C_{20} – aralkyl and C_7-C_{20}-alkylaryl or together $(CH_2)_n$-X-(CH_2)m,

R^1,R^2 can also be hydrogen
X is oxygen, CH_2 or N-R^5
R^5 is hydrogen, C_1- to C_{20}-alkyl, C_3 – to C_{12} –cycloalkyl, aryl, C_7 – to C_{20}- aralkyl and C_7 – C_{20} –alkylaryl,
Y is a C_2-C_{12}-alkylene chain which may be unsubstituted or monosubstituted to penta-substituted by C_1- to C_4-alkyl,
n,m are integers from 1 to 4,
from aminoalcohols of the general formula II



(II)

and nitrogen compounds of the general formula III



(III)

where R^1, R^2, R^3, R^4, R^5, X,Y and the indices n and m are as defined above, at from 80 to 250°C and pressures of from 1 to 400 bar using hydrogen in the presence of a zirconium, copper,nickel catalyst, and isolating the diamines in a known manner, wherein the catalytically active composition comprises from 20 to 85% by weight of oxygen-containing zirconium compounds, calculated as ZrO_2, from 1 to 30% by weight of oxygen-containing compounds of copper, calculated as CuO, from 30 to 70% by weight of oxygen-containing compounds of nickel, calculated as NiO, from 0.1 to 5% by weight of oxygen-containing compounds of molybdenum, calculated as MoO_3, and from 0 to 10% by weight of oxygen-containing compounds of aluminum and/or manganese, calculated as Al_2O_3 and MnO_2 respectively.

COMP.SPECN: 18 PAGES DRAWING: NIL SHEETS

Ind. Cl. : 37 B **191555**

Int Cl [4] : F 15 D 1 / 00

"A FLUIDIZED BED REACTOR SYSTEM"

APPLICANT(S) : FOSTER WHEELER ENERGIA OY,
OF SENTNERIKUJA 2,
00440 HELSINKI,
FINLAND
A FINNISH COMPANY.

INVENTOR(S) : 1. TIMO HYPPANEN.

APPLICATION NO : 1038 MAS 95 FILED ON 16-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

17 CLAIMS

A fluidized bed reactor system comprising:

a fluidized bed reaction chamber comprising a circulating fluidized bed, having a first grid for the introduction of fluidizing gas into said circulating fluidized bed; a bubbling fluidized bed having a second grid for the introduction of fluiding gas thereinto; said second grid mounted at a position vertically below said first grid; a first interconnection between said circulating fluidized bed and said bubbling bed providing for the passage of solids from said circulating bed to said bubbling bed, said first interconnection located above said first grid at a first position; and a second interconnection between said circulating fluidized bed and said bubbling bed providing for the passage of solids from said bubbling bed to said fluidized bed, said second interconnection located below said first interconnection, but at the level of, or above, said first grid; solids cooling means located in said bubbling bed for cooling the solids therein; and a partition dividing said bubbling bed into first interconnection, and said second chamber in direct communication with said second interconnection, said partition preventing short-circuiting of particles between said first and second interconnections.

COMP.SPECN: 26 PAGES DRAWING: 5 SHEETS.

Ind.Cl.: 11ʊ E XX I (3) **191556**

Int Cl[4] : B 65 H 51 / 26

"A STRAND GUIDING RACK"

APPLICANT(S) : MANNESMANN AKTIENGESELLSCHAFT
A GERMAN COMPANY
OF MANNESMANNUFER 2
40213 DUSSELDORF
GERMANY

INVENTOR(S) : 1. DR. -ING.FRITZ-PETER PLESCHIUTSCHNIGG.

Application No. 211/MAS/95 filed on 22-Feb-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

4 CLAIMS

A strand guiding rack for preventing a continuous cast rectangular strand from snaking the said rack comprising pairs of guiding and driving rollers located opposite to one another, wherein the said rollers have a slightly concave surface line allowing the strand to bulge after leaving the outlet of the continuous casting mould having a rectangular outlet cross section.

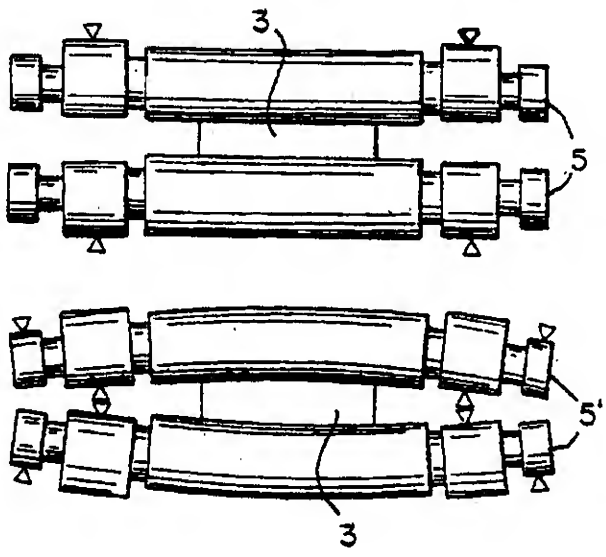


FIG-3

COMP.SPECN: 7 PAGES DRAWING: 2 SHEETS.

Ind.Cl.: 128A **191557**

Int Cl [4] : A 61 F 13/15

"AN ABSORBENT ARTICLE HAVING X-, Y- AND Z- AXES

APPLICANT(S) : KIMBERLY-CLARK WORLDWIDE INCORPORATED
OF 401 NORTH LAKE STREET, NEENAH,
WISCONSIN 54956
USA, A US COMPANY

INVENTOR(S) : 1. FREDERICH OMA LASSEN
2. JANE MARILYN ANTON
3. LINDA JEAN CHMIELEWSKI-LARSEN

Application No. 650/MAS/95 filed on 31-May-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES,2003) PATENT OFFICE, CHENNAI BRANCH.

21 CLAIMS

An absorbent article having X-, Y-, and Z- axes, said absorbent article comprising:

(a) a liquid permeable cover (12);

(b) a liquid impermeable baffle (14); and

(c) an absorbent core (18) having a predetermined length along the Y-axis and a thickness along the Z-axis, said absorbent core being positioned between said cover (12) and said baffle (14) wherein said absorbent core (18) is provided with a central, longitudinal flexure axis (24) which substantially extends the length thereof, said longitudinal flexure axis at least partially dividing said absorbent core (18) into a first and a second member (26, 28), said first member (26) having a second longitudinal flexure axis and said second member (28) having a third longitudinal flexure axis.

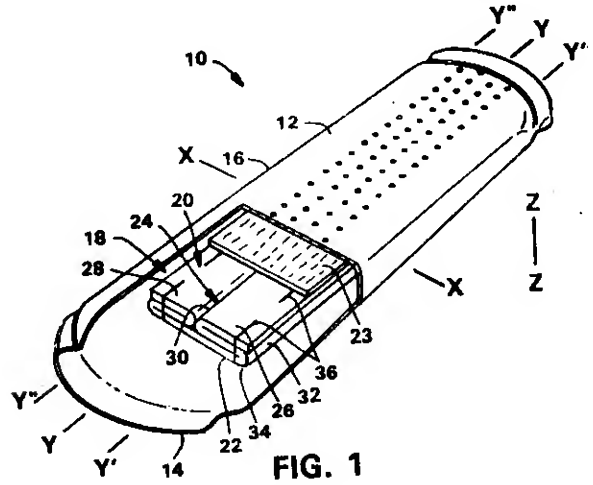


FIG. 1

COMP. SPECN.: 27 PAGES DRAWING: 6 SHEETS

Ind.Cl.: 101 E, 102 C **191558**

Int Cl [4] : G 01 F - 1/00

"A DEVICE FOR MONITORING A FLOW OF PARTICLES OR PELLETS CIRCULATING IN A PIPE"

APPLICANT(S) : INSTITUT FRANCAIS DU PETROLE
4 AVENUE DE BOIS-PREAU
92500 RUEIL-MALMAISON
FRANCE
A FRENCH COMPANY

INVENTOR(S) : 1. FRANCOIS HESLOT
2. CLAUDE BEUDUCEL

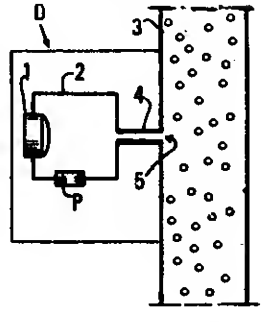
Application No. 714 MAS 95 filed on 13-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003)PATENT OFFICE, CHENNAI BRANCH.

12 CLAIMS

A device for monitoring a flow of particles or pellets circulating in a pipe (3), comprising at least one detection unit (D) having at least one cavity (2) communicating with the pipe through a vent (4) whose section, at least at the level of its opening (5) for communication with the pipe (3), is of the same order of magnitude as that of the circulating particles; an excitation means (1) coupled with the cavity (2) for generating pressure variations in the fluid; measuring means (P) for measuring the signals representative of the variations in the pressure of the excited fluid, modified by the flowing of the particles past the opening of its vent (4); and processing means (10) for determining at least the velocity of particles in the flow.

FIG.1



COMP. SPECN.: 16 PAGES DRAWINGS: 3 SHEETS

US-A-4172027

Ind.Class – 47-B

191559

Int.Cl.[4] - C 01 B 3/24

"A PROCESS FOR THE PREPARATION OF A GASEOUS MIXTURE CONTAINING HYDROGEN & CARBON MONOXIDE BY AUTOTHERMAL REFORMING"

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV., Carel van Bylandtlaan 30, 2596 HR, The Hague, The Netherlands, a Dutch Company.

Inventors: (1) PETER WILLIAM LEDNOR, (GREAT BRITAIN)
(2) GERARDUS PETRUS VAN DER ZWET, (NETHERLANDS)
(3) MATHIJS MARIA GERARDUS SENDEN, (NETHERLANDS)

Application No.784/MAS/95 dated June 26, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

15 Claims

A process for the preparation of a gaseous mixture containing hydrogen and carbon monoxide by autothermal reforming, comprising (i) partial oxidation of a gaseous hydrocarbon feed in a partial oxidation zone; (ii) passing the effluent of the partial oxidation zone to a reforming zone; and (iii) reforming in the presence of a reforming catalyst such as herein described in the reforming zone to form a reformed product stream comprising mainly synthesis gas, carbon dioxide, methane and inert components such that the reformed product stream has a temperature in the range from 1100 to 1300°C and recovering the reformed product stream in a known manner.

(Com. – 22 pages)

Ind. Cl. : 88 D, 284 A **191560**

Int Cl [4] : C 10 K 3/02

"A PROCESS FOR THE MANUFACTURE OF SYNTHESIS GAS"

APPLICANT(S) : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ BV CAREL VAN BYLANDTLAAN 30 2596 HR THE HAGUE THE NETHERLANDS

INVENTOR(S) : 1. JOHANNES HERMANUS MARIA DISSELHORST;
2. FIRSTS EULDERINK;
3. HENDRIK MARTINUS WENTINCK.

APPLICATION NO . 790 MAS 95 FILED ON 27-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

11 CLAIMS

A process for the manufacture of synthesis gas by reacting oxygen-containing gas, applied as oxidizer and gaseous hydrocarbon-containing fuel in a reaction zone of a substantially non-catalytic gas generator comprising the steps of injecting the said fuel and the said oxidiser into the reaction zone through a multi-orifice (co-annular) burner comprising arrangement of n separate passages or channels coaxial with the longitudinal axis of said burner, wherein n is an integer $\geq$ 2(2,3,4,5...), wherein the $(n-1)^{th}$ passage is the inner passage with respect to the n^{th} passage, measured from the longitudinal axis of the said burner, and wherein the said gaseous hydrocarbon-containing fuel (optionallywith a moderator gas) is passed through one or more of the passages but at least through the n^{th} passage, whereby at least one passage remains, the said oxidiser (optionally with a moderator gas) is passed through one or more of the remaining passages, but at least through the $(n-1)^{th}$ passage, and such a manner that in any two adjacent passages in which oxidiser is passed through the one passage, and gaseous hydrocarbon-containing fuel is passed through the other passage, the said oxidiser has higher velocity than said hydrocarbon-containing fuel.

Complete specification: 13 pages, **Drawings: NIL Sheets**

Ind.Cl : 71 F , 131 B_3 **191561**

Int.Cl^4 : B 21 C 37/12 , 37/06

Title : DRILLING SYSTEM USING PRESSURISED FLUIDS.

Applicant : 1. THE UNIVERSITY OF QUEENSLAND, OF ST. LUCIA, QUEENSLAND 4067, AUSTRALIA.

2. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, OF LIMESTONE AVENUE, CAMPBELL , ACT, 2601, AUSTRALIA.

3. BHP COAL PTY. LTD. OF LEVEL 13, RIVERSIDE, CENTRE, 123 EAGLE STREET, BRISBANE, QUEENSLAND 4000 AUSTRALIA.

Inventor : 1. ROBERT TRUEMAN.

2. TIMOTHY GREGORY HAMILTON MEYER.

3. MATTHEW STOCKWELL.

Application no. 2107/CAL/96 FILED ON 06.12.1996.

(CONVENTION NO. PN7031 FILED ON 08.12.1995 IN AUSTRALIA.)

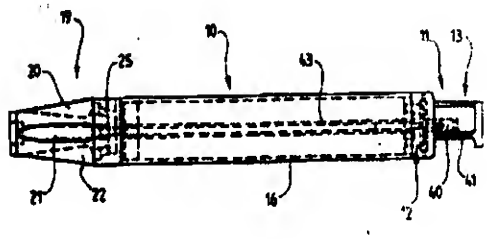
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS

A self advancing drilling apparatus, comprising:

- at least one fluid cutting nozzle assembly (40);
- means (19) to provide forward movement to said drilling apparatus; characterised in that,
- a drill string formed from a flexible hose for high pressure fluid from a source to pass therethrough.



Complete Specifications : 19 pages. ***Drawings: 5 sheets***

Ind.Cl : 176 F 191562

Int.Cl[4] : F 22 B , 29/12

Title : ONCE-THROUGH STEAM GENERATOR.

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, D-80333 MUNCHEN GERMANY

Inventor : 1. EBERHARD WITTCHOW.
2. RUDOLF KRAL.

Application no. 2264/CAL/96 FILED ON 31.12.1996

(CONVENTION.NO. 19600004.1 FILED ON 02.01.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

2 CLAIMS.

Once-through steam generator having a gas flue (4) formed from steam generator tubes (10) welded to one another in a gas-tight manner via fins (13), the steam generator tubes (10) being connected in parallel for the throughflow of a flow medium, having on their inside a surface structure for generating a high heat transfer from their inner wall to the flow medium and being arranged approximately in a spiral coil in a firing region (V) of the gas flue (4), characterized in that each steam generator tube (10) being designed in such a way that points in a coordinate system which are determined by pairs of values of the tube length (L) in the firing region (V) and of the tube outside diameter (d) lie substantially on a straight line (A,B,C) which is defined

- for a fin width of 12 mm by the points determined by the pairs of values L = 59.7 m, d = 31.8 mm and L = 93.6 m, d = 44.5 mm, .
- for a fin width of 16 mm by the points determined by the pairs of values L = 64.7 m, d = 31.8 mm and L = 99.8 m, d = 44.5 mm, or
- for a fin width of 20 mm by the points determined by the pairs of values L = 70.6 m, d = 31.8 mm and L = 106.9 m, d = 44.5 mm.

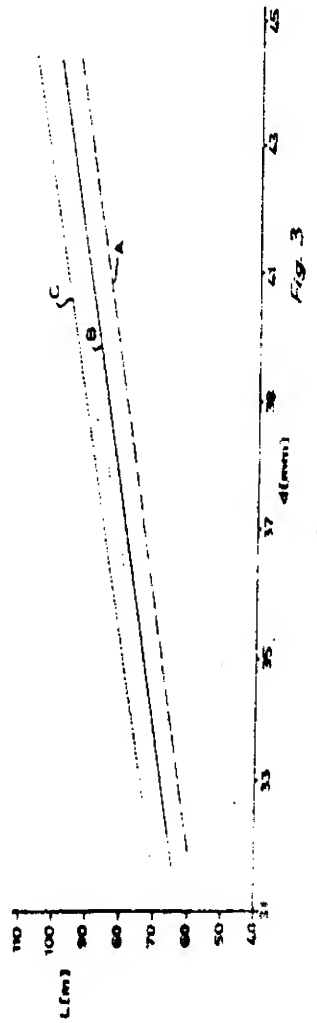


Fig. 3

Complete Specifications : 8 pages. Drawings: 2 sheets

191563

Ind.Cl : 116 C

Int.Cl[4] : B 65 G 47/22 , B 65 G 51/03

Title : A CONVEYOR ASSEMBLY FOR THE CONVEYING OF OPEN CONTAINERS.

Applicant : VT ZURICH MARKETING PTE. LTD. OF 2, BALESTIER ROAD, 03-641, BALESTIER HILL CENTER, SINGAPORE, 1232

Inventor : WALTER C EGGER.

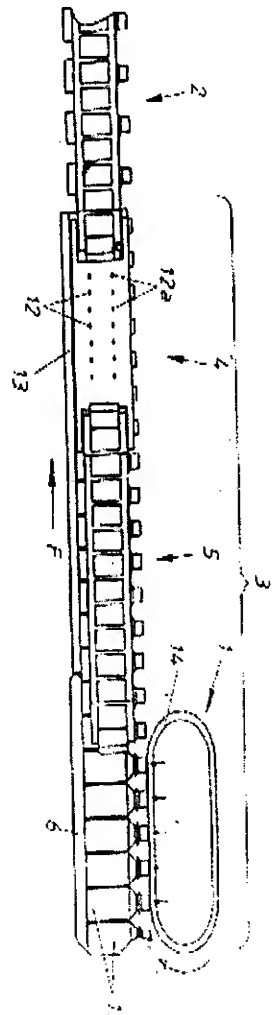
Application no. 1866/CAL/97 FILED ON 06.10.1997

(CONVENTION NO. 1996-2549/96 FILED ON 18.10.1996 IN SWITZERLAND.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.



A conveyor assembly for the conveying of containers which are open at one end thereof, particularly for the conveying of bottles made of plastic material, comprising :

a main conveyor means adapted to continuously convey a row of containers located within said conveyor means in a certain distance from each other :

a first handing over set-up means located at the input side of said conveyor means ;

a second handing over set-up means located at the output side of said conveyor means ;

said first and second handing over set-up means being adapted, respectively, for handing over said containers from an input conveyor apparatus to a main conveyor apparatus and from said main conveyor apparatus to an output conveyor apparatus ;

said first handing over set-up means located at the input side of said conveyor means comprising a first airlock means in which said containers are aligned by means of the influence of an air stream for being handed over in said subsequent main conveyor means : and

said second handing over set-up means located at the output side of said conveyor means comprising a second airlock means in which said containers are aligned by means of the influence of an air stream for being handed over in said subsequent conveyor means ;

said first handing over set-up means located at the input side of said conveyor means comprising pneumatically operated means for subjecting said containers to overpressure.

Complete Specifications : 19 pages. *Drawings: 2 sheets*

Ind.Cl : 194 C 1 **191564**

Int.Cl[4] : H 01 J 29/07

Title : A PROCESS FOR PRODUCING MASK FRAMES FOR CATHODE RAY TUBES.

Applicant : SAMSUNG DISPLAY DEVICES, CO. LTD. OF 575, SHIN-DDONG PALDAL-KU, SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA 445-970

Inventor : 1. GERD BANDELIN.
2. GUNTER HEINE.
3. YOUNG KWAN KIM.

Application no. 1409/CAL/97 FILED ON 29.07.1997

(CONVENTION NO. 19632415.7 FILED ON 05.08.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.

A process for producing mask frames for cathode ray tubes by welding at least two starting components and subsequently forming by deep-drawing , the process comprising the steps of :

Fixing two planar starting components in fixed positions so that edges of the two starting components, to be welded together, are in contact;

Laser welding the starting components at the edges with at least one laser beam to produce a frame;

Modulating the power of the laser beam to produce a weld of the two starting components that increases in depth at the end of the weld; and

Deep drawing the frame produced by the laser welding.

Complete Specifications : 11 pages. ***Drawings: 2 sheets***

Ind.Cl : 33 – (H) **191565**

Int.Cl[4] : B 22 D – 011/06, B 22 D -011/07 C 22 C 38/00

Title : A METHOD OF CASTING STEEL STRIP

Applicant : ISHIKAWAJIMA-HARIMA HEAVY INDUSTRYIES COMPANY LTD. OF 2-1 , OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100, JAPAN.

AND

BHP STEEL (JLA)PTY LTD. OF 600, BOURKE STREET, MELBOURNE VICTORIA 3000, AUSTRALIA.

Inventor : LAZAR STREZOV

Application no. 522/CAL/97 FILED ON 25.03.1997

(CONVENTION NO. PN9376 FILED ON 19.04.1996 IN AUSTRALIA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

18 CLAIMS.

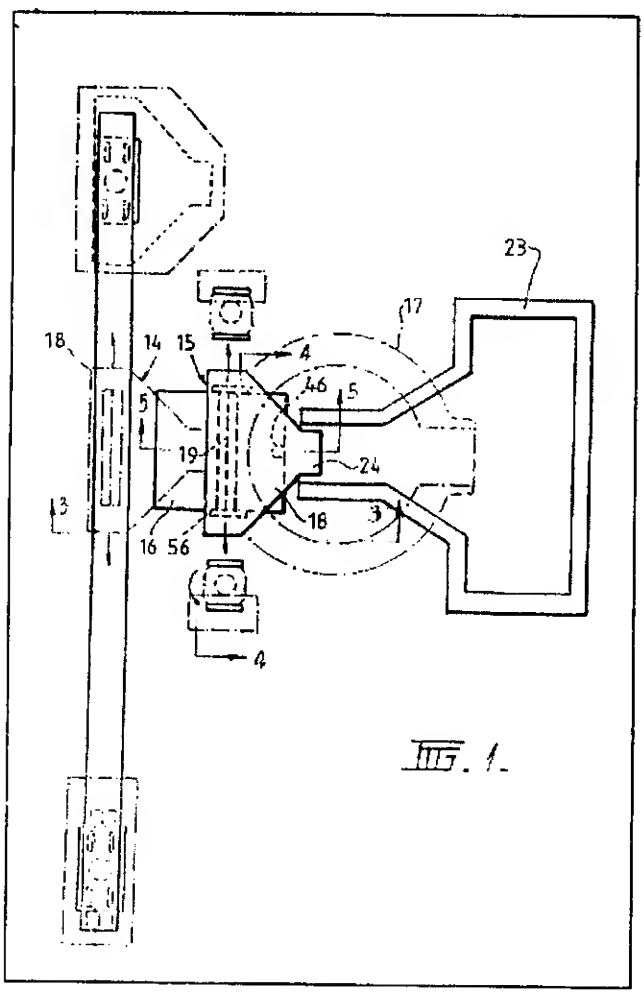
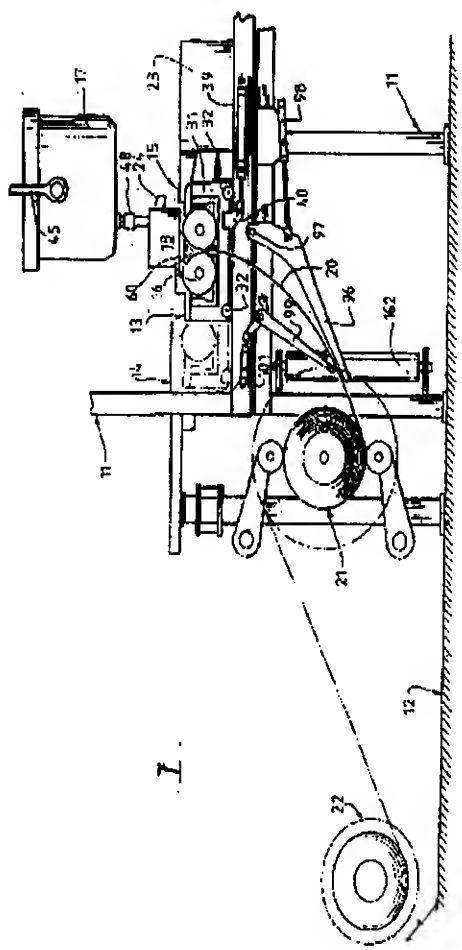


FIG. 1.



1

A method of casting steel strip comprising :

a) Providing a chilled casting surface with a texture formed by surface projections and depressions distributed throughout the casting surface;

b) Contacting the chilled casting surface with a casting pool of molten steel to cause solidification of steel from the casting pool onto the casting surface as a solidified shell; and

c) Separating the solid shell from the casting surface in a solidified strip; wherein the molten steel casting pool contains deoxidation products and forms on the casting surface a layer of less than five microns thickness, a major proportion of which is liquid during cooling of the steel to below the liquids temperature in the formation of said solidified shell.

Complete Specifications : 26 pages. **Drawings: 17 sheets**

Ind.Cl : 36 A 3 **191566**

Int.Cl[4] : F 04 D 29/38

Title : CROSS FLOW FAN FOR AIR CONDITIONER

Applicant : LG ELECTRONICS INC, OF 20, YOIDO-DONG, YONGDUNGPO-KU SEOUL, REPUBLIC OF KOREA.

Inventor : SIMWON CHIN.

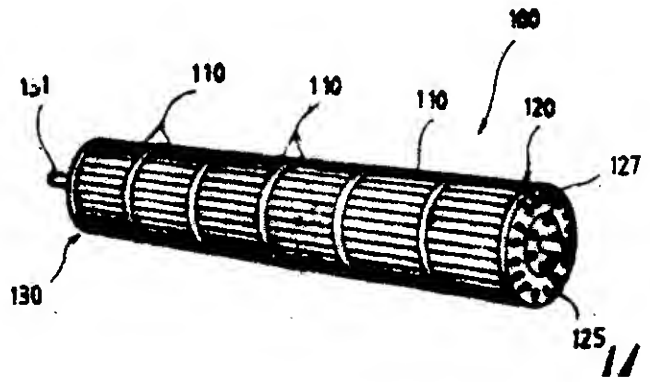
Application no. 2121/CAL/96 FILED ON 09.12.1996

(CONVENTION NO. 48726/1995 IN 12.12.1995 IN KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.



A cross flow fan for an air conditioner, comprising

A plurality of blade assemblies (110) connected to one another;

A hub assembly (120) connected to one side of the plurality of blade assemblies (110); and

A shaft cap (130) connected to another side of the plurality of blade assemblies (110) and receiving a shaft (131) therein,

Characterized in that the blade assemblies (110) and the hub assembly (120) are formed identically to each other ; and

The blade assemblies (110) and the hub assembly (120) respectively comprise:

A disc (111, 121) having a plurality of protrusions (117,127) circularly provided on one surface thereof , and having a plurality of radial blade cuts (113, 126) formed spaced along the periphery therein , radially outwardly of the protrusions (117,127); and

A plurality of blades (112, 122) disposed on the opposite surface of the disc (111,121)

Complete Specifications : 16 pages. ***Drawings: 4 sheets***

Ind.Cl : 62 E 191567

Int.Cl[4] : D 06 F. 17/06

Title : WASHING MACHINE.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN.

Inventor : 1. MINORU IKEDA.
2. KOUMI TSURUTA.

Application no. 1609/CAL/96 FILED ON 10.09.1996

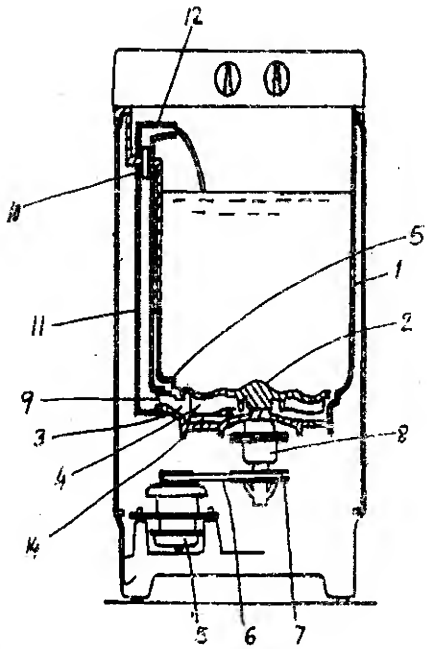
(CONVENTION NO. 8-121294 FILED ON 16.05.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

17 CLAIMS.

A washing machine comprising : a washing tub (1) having a recess (3) forming a discharge port (9) in an inner bottom , for accommodating a washing liquid and a wash, an agitating means (2) disposed rotatably by covering said recess of said washing tub, a water flow controlling means (14) rotatably disposed at the lower side of said agitating means (2) in said recess, and a discharge passage (11) communication with said discharge port (9) at its one end , and projecting its other end upward of said washing tub characterized in that water flow of said washing liquid is generated in said recess when said agitating means (2) rotates normally or reversely and said water flow controlling means (14) moves corresponding to a direction of said water flow.



Complete Specifications : 25 pages. ***Drawings: 6 sheets***

Ind.Cl : 31 d **191568**

Int.Cl[4] : H 01 L 21/20

Title : SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME.

Applicant : HITACHI ,LTD, OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA -KU, TOKYO, JAPAN.

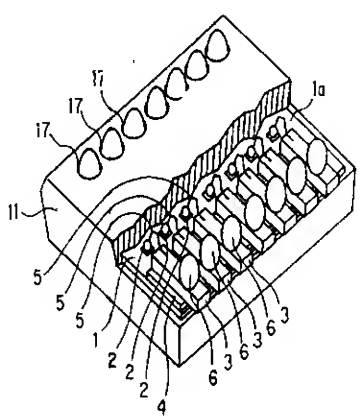
Inventor : 1. AKIHIRO YAGUCHI.
2. MAKOTO KITANO.
3. TATSUYA NAGATA.
4. TETSUO KUMAZAWA.
5. RYO HARUTA.
6. MASAHIRO ICHITANI.

Application no. 1139/CAL/96 FILED ON 19.06.1996.

(CONVENTION NOS. 07-161781 AND 07-218447 FILED ON 28.06.95 AND 28.08.95 IN JAPAN RESPECTIVELY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

26 CLAIMS.



A semiconductor device comprising:

A semiconductor element (1) having a plane (1a) with a plurality of electrodes (2) formed thereon;

A plurality of internal leads (3;20)

Electrically connected to said electrodes (2) respectively; and

An electrically insulating resin package (11) for sealing said semiconductor element (1) and said internal leads (3;20); characterized in that

Said internal leads (3;20) are substantially located in the range of said electrode formed plane (1a) and said resin package (11) has a plurality of external terminal receiving recesses (17) respectively reaching said internal leads (3; 20) in the range of said electrode formed plane (1a).

Complete Specifications : 58 pages. Drawings: 20 sheets

Ind.Cl	:	58 A 1, 58 B , 59 A	**191569**
Int.Cl[4]	:	E 06 B , 3/46 & 7/14	
Title	:	DRAINAGE DEVICE FOR A HORIZONTALLY SLIDING CLOSURE ASSEMBLY.	
Applicant	:	DALLAIRE INDUSTRIES LTD. OF 8650, BOUL, DE LA RIVE-SUD, LEVIS, QUEBEC G 6V 6N8 CANDA.	
Inventor	:	RAYMOND DALLAIRE.	
Application no.		2249/CAL/96 FILED ON 26.12.1996	

(CONVENTION NO. 2,166,144 FILED ON 27.12.1995 IN CANADA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

15 CLAIMS.

A drainage device for a horizontally sliding closure assembly, which closure assembly comprises a sill (32) having a track (38) for slidable supporting at least 1 horizontally slidable panel (36) and a fixed rail (42) for supporting at least one fixed panel (40), the fixed rail (42) having a drainage orifice therethrough, the drainage device comprising:

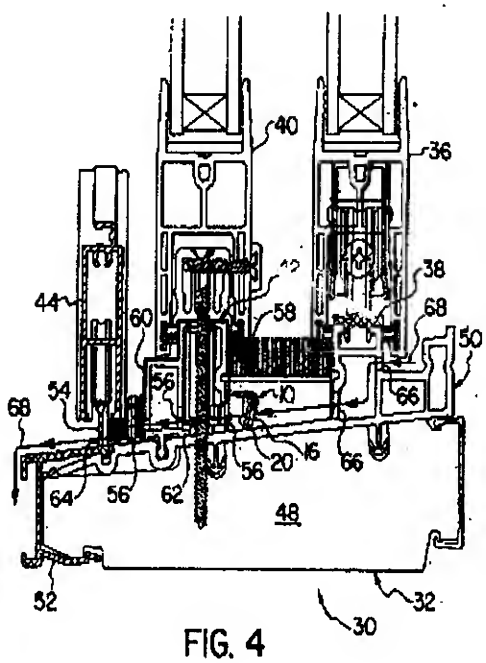


FIG. 4

A substantially box-shaped hollow housing (10) adapted for mounting to said rail (42) which said drainage orifice in the rail enclosed by said housing and said housing having a t least a top wall (12), opposed end walls (14) each having front, rear and bottom edges, a side wall (16) extending between said end wall rear edges, which side wall (16) defines a drainage aperture (18) through which water may drain from the sill (32) of the closure assembly when said housing (10) is operatively mounted to said rail (42) and a flap (20) mounted inside the housing for opening or closing the aperture (18), the flap (20) being normally closed but openable interiorly of the housing (10) to permit flow of water through said aperture (18), whereby water may flow outwardly past the flap (20) and through the drainage orifice of the closure assembly while air is inhibited from flowing inwardly past the flap (20).

Complete Specifications : 17 pages. *Drawings: 4 sheets*

Ind.Cl : **191570**

Int.Cl[4] : C 07 C 22/30

Title : A PROCESS TO PRODUCE AN OLIGOMER FROM AN OLEFIN.

Applicant : PHILIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventor : EDWARD MARK LASHIER.

Application no. 2130/CAL/96 FILED ON 10.12.1996

(CONVENTION NO. 08/574031 FILED ON 18.12.1995 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

17 CLAIMS.

A process to produce an oligomer from an olefin under effective olefin oligomerization conditions in the presence of a homogeneous olefin oligomerization catalyst system comprising contacting said catalyst system with an olefin (of the type such as herein described) in a solvent;

Wherein said catalyst system comprises

a) a chromium source which is chromium metal or a chromium salt having the formula CrX_n, wherein X can be the same or different and is an organic or inorganic radical and n is an integer from 1 to 6;

b) a pyrrole-containing compound (of the type such as herein described); and

c) an alkyl compound (of the type such as herein described); and wherein said oligomerization conditions include a temperature in the range of 0° C to 250° C and a pressure in the range of atmospheric to 2500 psig, and wherein said solvent consists essentially of a product of said olefin oligomerization process.

Complete Specifications : 25 pages. *Drawings: NIL*

Indian Classification	:	32 B	**191571**
International Classification[4]	:	C 07C 51/10; C07 C51/12.	
Title	:	**"A PROCESS FOR THE PRODUCTION OF ACETIC ACID".**	
Applicant	:	BP CHEMICALS LIMITED, A British company of Britannic House, 1 Finsbury Circus, London EC2M 7BA, England.	
Inventors	:	**MACHAEL JAMES BAKER-BRITAIN CARL SHERMAN GARLAND-BRITAIN MARTIN FRANCIS GILES-BRITAIN MICHAEL JAMES MUSKETT-BRITAIN STEPHEN JAMES SMITH-BRITAIN JOHN GLENN SUNLEY-BRITAIN ROBERT JOHN WATT-BRITAIN GEORGIOS RAFELETOS-GREEK BRUCE LEO WILLIAMS-BRITAIN**	

Application for Patent Number 877/DEL/96 filed on 24/04/1996
Convention date: 9512606.6; 9514745.0; 9520441.8; 9524037.0; 21/06/1995; 19/07/1995; 06/10/1995; 23/11/1995; UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A process for the production of acetic acid comprising (1) continuously feeding methanol and/or a reactive derivative thereof and carbon monoxide to the carbonylation reactor which contains a liquid reaction composition comprising an iridium carbonylation catalyst, methyl iodide co-catalyst, water, acetic acid, methyl acetate and at least one known promoter; (2) reacting said methanol and/or reactive derivative thereof with the carbon monoxide in the liquid reaction composition to produce acetic acid; and (3) recovering acetic acid from the liquid reaction composition characterized in that there is continuously maintained in the liquid reaction composition throughout the course of the reaction (a) water at a concentration of 1 t o6.5% by weight, (B) methyl acetate at a concentration in the range 5 to 30% by7 weight and (c) methyl iodide at a concentration in the range 5 to 16% by weight.

(Complete Specification Pages 34 Drawing 08 Sheets)

Ind.Class:- 170A. 191572

Int.Class:- C11D 10/00.

Title : " A HOUSEHOLD CLEANING COMPOSITION "

Applicant : The Procter & Gamble Co., a corporation organized and existing under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America.

Inventors : NICOLETTA ROMANO, MARINA TRANI, GIOVANNI MINERVINI (ITALIAN) & MARENA DESSETTE BROWN (USA).

Application for Patent No. 92/Del/97 filed on 13.1.97.

Appropriate office for opposition proceedings(Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi-110005.

(7 claims)

A household cleaning composition comprising from 0.1% tc 15% by weight of the total composition of hydrogen peroxide, conventional essential oil and the balance being optionally conventional household cleaning components wherein the said composition is a liquid composition, preferably an aqueous composition having a pH of hot more than 12, preferably below 7, more preferably from 2 to 6 and more preferably from 3 to 5.

(Complete specification 27 pages Drawing nil sheets).

Ind. Cl. : 55 D_2, 170 A+B 191573

Int. Cl.[4] : C 11D 1/06, C 11D 1/12, C 11D 1/02 and C 11D 1/36.

TITLE : " AN AQUEOUS LIQUID LAUNDRY DETERGENT COMPOSITIONS "

APPLICANT : RECKITT & COLMAN INC., a Delaware corporation of 225 Summit Avenue, Montvale, New Jersey 07645, U.S.A.

INVENTOR(S) : ALAN FRANCIS RICHTER -U.S.A.
TIMOTHY JOHN TAYLOR -U.S.A.

APPLICATION FOR PATENT NO. 141/DEL/97 FILED ON 17.1.97.

CONVENTION DATE 9601904.7/31.1.96/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office Branch, New Delhi - 110005.

(9 CLAIMS)

An aqueous liquid laundry detergent composition comprising:

A) 1-40 parts by weight of one or more anionic surfactant compositions selected from alkylethercarboxylates or alkylethersulfonates or salts thereof;

B) 1-25 parts by weight of one or more quaternary ammonium surfactant compositions;

C) 3-50 parts by weight of one or more nonionic surfactant compositions selected from linear and secondary alcohol alkoxylates, alkylphenol ethoxylates, alkyl polyglycosides, amine oxides, alkanolamides;

D) 0-10 parts by weight of one or more anionic co-surfactant compositions selected from alkylsulfates, alkylsulfonates, alkylethersulfates, alkylarylsulfonates, alkylarylethersulfates present in a proportion not exceeding one half of the weight of one or more quaternary ammonium surfactant compositions; wherein the weight ratios of B:A are at least 1:2; with the remaining balance to 100 parts by weight of water, and optionally 0 to 10 parts by weight based on the total weight of the aqueous detergent composition of one or more additives selected from: builders, chelating agents, p^H adjusters, stabilizers, hydrotropes, rheology modifying agents, sequestrants, optical brighteners, solvents, coloring agents and fragrances.

(COMPLETE SPECIFICATION 26 PAGES DRAWING SHEET - NIL -)

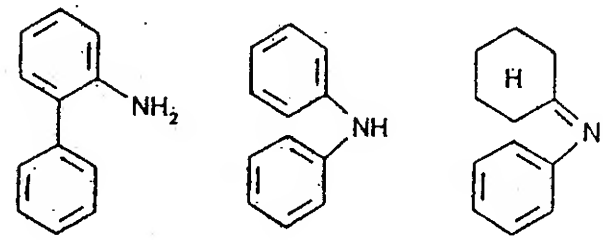
ıdian Classification	:	$55D_2$ 32 F_2b	**191574**
International Classification[4]	:	C07D 209/86	
Title	:	**"PROCESS FOR THE PREPARATION OF CARBAZOLE".**	
Applicant	:	**BAYER AKTIENGESELLSCHAFT,** a body corporate organized under the laws of Germany, of D-51368 Leverkusen, **Germany**.	
Inventors	:	**HANS-JOSEF BUYSCH-GERMAN** **REINHARD LANGER-GERMAN** **ULRICH NOTHEIS-GERMAN** **ALEXANDER KLAUSENER-GERMAN**	

Application for Patent Number 2209/DEL/97 filed on 08/08/1997
Convention date: 21/08/1996; 19633609.0; GERMANY.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(08 Claims)

An improved process for the preparation of carbozole by dehydrogenation of a compound selected from a group consisting of O-phenylaniline (I), diphenylamine (II) and cyclohexylideneaniline (III)



(I) (II) (III)

said process comprising dehydrogenating said compounds at elevated temperature over a noble metal catalyst such as iridium catalyst or an iridium-containing catalyst as herein described at a temperature of at 300 to 600^0 C and pressure of 0.5 to 10 bar in the presence of 0.01 to 300 mol of hydrogen per mole of the compound to be dehydrogenated.

(Complete Specification Pages 10 Drawing NIL Sheet)

Ind. Cl. : 39 E 191575

Int. Cl.[4] : C 01B 35/00

TITLE : " A PROCESS FOR THE PREPARATION OF BORON PHOSPHATE USEFUL FOR HUMIDITY SENSING "

APPLICANT : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110001, India, an Indian registered body incorporated under the Registration of Societies Act.

INVENTOR(S) : IMTIAZ SIRAJUDDIN MULLA -INDIA.
KUNTUKRISHNA PILLAI VIJAYAMOHANAN -INDIA.

APPLICATION FOR PATENT NO. 2440/DEL/97 FILED ON 28.8.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office Branch, New Delhi - 110005.

(5 CLAIMS)

A process for the preparation of boron phosphate, useful for humidity sensing which comprises mixing thoroughly boric acid and its salt and orthophosphoric acid and its salt in dry organic solvent, for a period ranging between half an hour to 8 hours, increasing the temperature to 100°C at the heating rate in the range of 1°C and 10°C per minute and aging at 100°C for a period ranging from 1 hour to 10 hours under reduced pressure, further raising the mixture temperature to 200°C by increasing the temperature at the rate of 1°C per minute to 10°C per minute for a period ranging between 10 and 30 hours, pelletizing the product under pressure, sintering the pellets at the temperature ranging between 300°C and 600°C for 3 to 15 hours to obtain boron phosphate.

(COMPLETE SPECIFICATION 9 PAGES DRAWING SHEET - NIL -)

Ind. Cl. : 83 A1 191576

Int. Cl.[4] : A 23L 1/64, 1/22

TITLE : " A PROCESS FOR THE PRODUCTION OF BICYCLO (3.1.1) HEPT-3-EN-2-ONE USING ASPERGILLUS SP.

APPLICANT : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110001, India (an Indian Registered Body incorporated under the Registration of Societies Act. and DEPARTMENT OF BIOTECHNOLOGY, Government of India, Ministry of Science and Technology, Block 2, (7th & 8th Floor) CGO Complex, Lodi Road, New Delhi-110003.

INVENTOR(S) : RENU AGRAWAL -INDIA.
NAZHAT-UL-AINN -INDIA.
RICHARD JOSEPH -INDIA.

APPLICATION FOR PATENT NO. 2441/DEL/97 FILED ON 28.8.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110005.

(2 CLAIMS)

A process for the production of Bicyclo (3-1-1) hept-3-en-2-one using Aspergillus sp. which comprises: growing Aspergillu sp. having characteristics as herein described in a conventional nutrient medium till mycelium is formed removing the biomass and suspending in buffer then contacting with α pinene at a temperature in the range of 28 to 37°C at a p^H in the range of 5 to 8 for a period in the range of 2 to 6 hr in a known manner followed by recovering the product by known methods such as herein described.

(COMPLETE SPECIFICATION 9 PAGES DRAWING SHEET -NIL -)

Ind. Cl. : 32 F_4, 123 191577

Int. Cl.[4] : A 01N 43/00, C 07J 5/00

TITLE : " A PROCESS FOR THE PREPARATION OF 3β-HYDROXY-(20R)-20-HYDROXYDITHIANEPREGNA-5- ENE "

APPLICANT : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110001, India, an Indian registered body incorporated under the Registration of Societies Act.

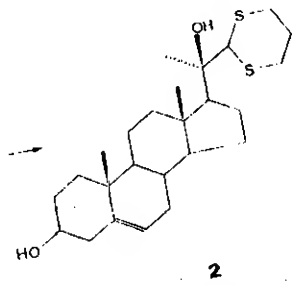
INVENTOR(S) : BRAJA GOPAL HAZRA -INDIA.
SOURAV BASU -INDIA.
VANDANA SUDHIR PORE -INDIA.

APPLICATION FOR PATENT NO. 2780/DEL/97 FILED ON 30.9.97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office Branch, New Delhi - 110005.

(4 CLAIMS)

A process for the preparation of 3β-hydroxy-(20R)-20-hydroxydithianepregna-5-ene having structural formula 2,



2

which comprises of preparing a suspension of 3β-tert-butyldimethylsilowy (20R)-20-hydroxydithianepregna-5-ene in polar aprotic solvent, adding fluoride salt to it, stirring the reaction mixture at an ambient temperature for a period in the range of 12 to 15th, adding water, removing the solvent under reduced pressure, then extracting in highly polar organic solvent such as herein described, separating and purifying by conventional chromatographic methods to get 3β-hydroxy-(20R)-20-hydroxydithianepregna-5-ene.

(COMPLETE SPECIFICATION 6 PAGES DRAWING SHEET - 1 -)

24-357GI/2003

Indian Classification	:	$55E_4$	**191578**
International Classification[4]	:	A 61 K 35/78; C 0 7D 301/00; C 07D 305/00.	
Title	:	**"A PROCESS FOR BIOTRANSFORMATION OF TAXOIDS TO 10 DEACETYLBACCATIN-III."**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**PRITI SOMAL** **SATISH CHANDER PURI** **ANJU SIDA** **VINAY KUMAR GUPTA** **SUKHDEV SWAMI HANDA** **SUNIL KUMAR BANERJEE-ALL INDIAN.**	

Application for Patent Number 1191/DEL/1999 filed on 08/09/1999
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch. New Delhi – 110 008.

(04 Claims)

A process for biotransformation of taxoids into 10 deacetylbaccatin-III characterized by the steps of cultivating the strain of Flavbacterium dehydrogenans in a medium containing yeast extract 2-4%, potassium dihydrogen phosphate 0.1 to 0.2 % & disodium hydrogen phosphate 0.2 t o0.3% by known methods, incubating the mixture of taxoid in organic solvent such as herein described with the above culture broth for the period in the range of 24 120 hours at a temperature of in the range of 29 to 30^0 C on a rotatory shaker.at 200-220 rpm extracting the culture broth with the organic solvent such as herein described to obtain 10-deacettkvaccatub-III.

(Complete Specification Pages 11 Drawing NIL Sheet)

ndian Classification	:	55E[4]	**191579**
International Classification[4]	:	A 61 K-031/44; C07D-213/02.	
Title	:	**"A process for the preparation of 1-(4-aryl/heteroarylpiperazin/piperidin-1-yl)-n-(quinoloxy-6/7/8-yl/4-(un) substituted pyrrolidin-2-oxo-l-yl)alkanes/alkanones and their salts".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SURESH KUMAR PANDEY** **ALPANA SRIVASTAVA** **KESHAV KISHOR AWASTHI** **RAVISH CHANDRA TRIPATHI** **SHEKAR SRIVASTAVA** **JHARNA ARUN** **RAM MOHAN SAXENA** **MADHUR RAY** **RAKESH SHUKLA** **MANGAL PRASAD DUBEY** **ANIL KUMAR SAXENA-ALL INDIAN.**	

Application for Patent Number 1452/DEL/1999 filed on 05/11/1999.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of 1 –(4-aryl/heteroarylpiperazin/piperidin- 1 –yl)-n-(quinoloxy-6/7/8-yl/ 4-(un)substituted pyrrolidin-2-oxo-l-yl)alkanes/alkanones and their salts of formula III as therapeutic agents useful for the treatment of ischemia, inflammation, hypertension and other related CVS and CNS disorders as herein described

wherein R represents groups such as quinoloxy-6/7/8-yl, 4-(un)substituted-pyrrolidin-2-one-l-yl; R^1 represents group such as phenyl, halophenyl, alkylphenyl, alkoxyphenyl, pyridyl, trifluorophenyl ; n=2-5; X=O/H_2 and Z=N/CR^2 (R^2 = H, OH, $COCH_3$) which comprises condensing of l-chloro-n-(quinoloxy-6/7/8-yl/ 4-(un)substituted-pyrrolidin-2-oxo-l-yl)-alkanes/alkan-2-ones of the formula I as herein described with 4-(aryl/heteroaryl)piperazin/piperidin-l-yl of formula II as herein described wherein the meaning of R, R^1, n, X, Z is as specified above in the presence of a base and an organic solvent optionally in the presence of a catalyst at temperature ranging upto 130 ^{0}C to produce the corresponding l-(4-aryl/heteroarylpiperazin/piperidin-l-yl)-n-(quinoloxy-6/7/8-yl/4-(un)substituted- pyrrolidin-2-oxo-l- yl)alkanes/alkanones of formula III, where R, R^1, n, X and Z have the meaning given above, purifying the products by conventional methods, optionally converting free base compounds of formula III into the salts by known methods.

(Complete Specification Pages 39 Drawing NIL Sheet)

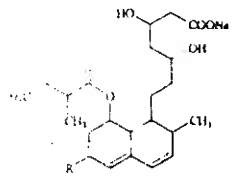
Indian Classification	:	32 F3	**191580**
International Classification[7]	:	C07C 69/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF SODIUM SALT OF COMPACTIN, LOVASTATIN AND PRAVASTATIN."	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019, INDIA.	
Inventors	:	PARDEEP NARULA - INDIAN SRINIVASAN RAMAN - INDIAN MATUKUMALLI LAKSHMI KUMAR – INDIAN PARVEEN KUMAR – INDIAN	

Application for Patent Number 1546/del/99 filed on 17th Dec. 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

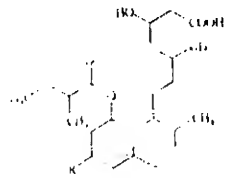
(11 Claims)

An improved process for the preparation of sodium salt of compactin, lovastatin and pravastatin of the Formula Ia



Ia

wherein R is H, CH_3 or OH, which comprises contacting a solution of hydroxy acid form of the statin of Formula Ib



Ib

in which R is as defined above in a solvent as herein described with sodium 2-edthylhexanote and isolating the corresponding sodium salt of compactin, lovastatin and pravastatin in a manner as herein described from the reaction mixture containing solution of hydroxy acid.

Specification 7 Pages Drawings 1 Sheets)

Indian Classification	:	$55E_4$	**191581**
International Classification[4]	:	A 61K-009/70, 031/74, 009/22	
Title	:	**"A PROCESS FOR PREPARATION OF COMPOSITON FOR USE AS A CARRIER IN TRANSDERMAL DRUG DELIVERY OF NITROGLYCERIN".**	
Applicant	:	**JAMIA HAMDARD (HAMDARD UNIVERSITY), Hamdard Nagar, New Delhi-110 062, an Indian University, India.**	
Inventors	:	**DR. MANOJ VARSHNEY MOHD. CHANGAZ -BOTH INDIAN.**	

Application for Patent Number 973/DEL/1999 filed on 15/07/1999
Complete left after Provisional specification filed on 12/07/2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for preparing a composition for use as a carrier in transdermal drug delivery such as nitroglycerin comprising in the steps of mixing 43-52% w/w surfactant such as lecithin and co-surfactant such as normal propanol, 30-38% w/w water and 19-25% w/w of oil mixed together in the form of microemulsion, wherein surfactant and co-surfactant are mixed in the ratio of 18-22 : 25-30.

(Provisional specification 06 Pages Drawing NIL Sheet)
(Complete Specification 09 Pages Drawing NIL Sheet).

Indian Classification	:	32 C	**191582**
International Classification[7]	:	A61K 35/78	
Title	:	"A PROCESS FOR THE PREPARATION OF AN ORGANIC FRACTION OF MOMORDICA CHARANTIA."	
Applicant	:	JAWAHAR LAL NEHRU UNIVERSITY New Mehrauli Road, New Delhi – 110 067 an Indian University & THE SECRETARY, Dept. of Bio technology block –2, C.G.O Complex , Lodhi Road, New Delhi-110003.	
Inventors	:	APARNA DIXIT - INDIAN SHAILESH KUMAR CHOUDHARY – INDIAN.	

Application for Patent Number 1159/Del/99 filed on 28th Aug. 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(2 Claims)

A process for preparation of organic fraction of Momordica charantia having lipogenic activity, comprising in the steps of:-

i) homogenizing decorticated seeds in 10-15 volume of ice-cold acid-ethanol containing 0.05-2mM Phenylmethyl sulfonyl fluoride, wherein acid-ethanol comprises 75% ethanol and 0.2 N HCl

ii) obtaining a supernatant from the extract thus obtained by incubation overnight at -20°C and centrifugation at 18,000-22,000xg for 1-2 hour at 4°C,

iii) reducing the volume of supernatant thus obtained to about one fourth to one fifth of original by vacuum evaporation at 4°C having both hypoglycemic and lipogenic activity, fractionation by adding 6-8 volume of 0.05-0.2M $(NH_4)_2 Co_3$ and differential precipitation with change in pH with liquid ammonia such that pH is 7.2 and centrifugation at 18-22,000xg for 1-2 hour at 4°C;

iv) subjecting the supernatant thus obtained to the step of precipitation in the presence of acetone to obtain supernatant and pellet,

v) subjecting the supernatant to the step of fractionation or sequential extraction with organic solvents in decreasing order of hydrophobicity namely hexane, chloroform, diethyl ether and ethyl acetate to obtain fractions having lipogenic activity.

(Complete Specification 28 Pages Drawings 2 Sheet)

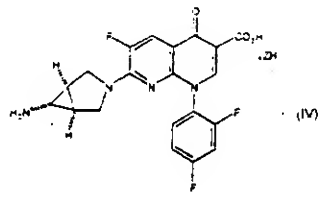
Indian Classification	:	32 F2 B	**191583**
International Classification[7]	:	C07D 471/04,C07D 209/52	
Title	:	"PROCESS FOR PREPARAING TROVAFLOXACIN ACID SALTS."	
Applicant	:	PFIZER PRODUCTS INC., a corporation organized under the laws of the state of Connecticut, United States of America, of Eastern Point Road, Groton, Connecticut 06340, United States of America.	
Inventors	:	TIMOTHY NORRIS – BRITISH PETER ROBERT ROSE– U.S. KEITH MICHAEL DEVRIES – U.S.	

Application for Patent Number 1171/Del/ 99 filed on 1st Sept. 99.
Convention date 3.9.1998/ 60/098,944/ U.S.A

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

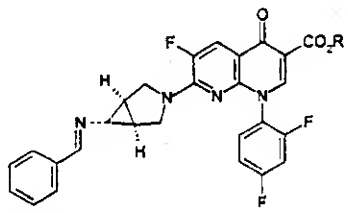
(5 Claims)

A process for preparing a trovafloxacin acid salt having the formula (IV):



(IV)

wherein ZH is a mineral acid of the kind such as herein described comprising the steps of : contacting, in the manner such as herein described in the presence of an inert organic solvent, a compound of formula (I) :



(I)

wherein R is a C_1-C_6 alkyl group; and
wherein the benzylidene ring of the compound of formula (I) is optionally substituted with one or more fluoro, chloro, bromo, iodo, C_1-C_6 alkyl or C_1-C_6 alkoxyl groups, with a composition comprising the mineral acid ZH of the kind as hereinbefore described and water, to result in trovafloxacin acid salt having the formula (IV)

(Complete Specification 23 Pages ; Drawings Nil Sheets)

Indian Classification	:	32	**191584**
7			
International Classification	:	A61K 31/47 , 35/78	
Title	:	"AN IMPROVED PROCESS FOR EXTRACTION OF PIPERINE FROM PIPER SPECIES"	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India.	
Inventors	:	VILAS GAJANAN GAIKAR – INDIAN GIRIJA RAMAN – INDIA..	

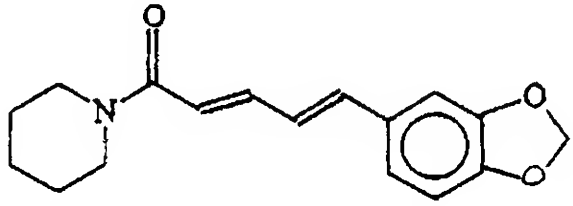
Application for Patent Number 1238/DEL/99 filed on 16.9.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

An improved process for extraction of piperine of formula 1 from piper species

Formula 1



PIPERINE

Comprises:

i. contacting the piper species with an aqueous hydrotrope solution at temperature from 0-100° C and separating the solution obtained from the solid residue known methods.

ii. Recovering the piperine from the solution obtained at the end of step (I) by solvent extraction with organic solvent after dilution with water or without dilution and then desolventising to recover piperine in pure from or so as to bring the concentration of hydrotrope sufficiently low to precipitate piperine from the solution in solid form and separating the precipitated piperine from the solution obtained, followed by washing with water.

(Complete Specification Pages – 12 Drawing sheets – NIL)

191585

Indian Classification	:	32
International Classification	:	C09 B61/00
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF CAROTENOIDS FROM ENCYSTED HAEMATOCOCCUS CELLS"
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India.
Inventors	:	RAVI SARADA, USHA TRIPATHI, GOKARE ASWATHANARAYANA RAVISHANKAR, ALL INDIANS.

Application for Patent Number 1284/DEL/99 filed on 23.9.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

An improved process for the preparation of carotenoids from Heamatococcus cells characterized in simple method of extraction of said caratonoids by using acidified aqueous solution, which comprises suspending encysted Heamatococcus cells in acidified aqueous solution having concentration in the range of 0.01 N to N at a temperature range of 8-90° C for a period of 30 seconds to 15 minutes, separating the encysted cells by conventional centrifugation and getting the desired carotenoid preferably astaxanthin by solvent extraction of said acidified aqueous solution obtained after centrifugation.

(Complete Specification Pages – 15 Drawing sheets – NIL)

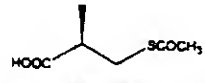
Indian Classification	:	55 E **191586**
International Classification 7	:	A61K 31/00
Title	:	"APROCESS FOR THE PREPARATION OF ENANTIOMERICALLY PURE D- (-)- 3- ACETYLTHIO 2- METHYLPROPANOIC ACID"
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India.
Inventors	:	RAVINDER SINGH JOLLY, RAKESH MULRAJ VOHRA, ISH KUMAR –ALL INDIANS.

Application for Patent Number 1287/DEL/99 filed on 23.9.99

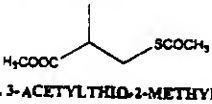
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(7 Claims)

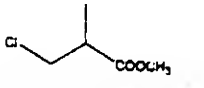
A Process for the preparation of enantiomerically pure D-(-) –3- acetylthio –2-methylpropanoic acid, which comprises: contacting DL-(±)-methyl 3- acetylthio-2-methylpropanoate, under agitation at pH 6.8 with a halotolerent strain of pseudomonas fluorescens having characteristics as described herein grown in a known manner in a conventional nutrient medium at pH between 5.0 to 11.0, at temperature between 15 to 37°C for at least a period of 10 min., separating the biomass by conventional methods and recovering D-(-)-3- acetylthio-2-methylpropanoic acid by conventional solvent extraction methods.



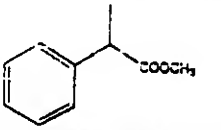
1: D-(-)-3-ACETYLTHIO-2-METHYLPROPANOIC ACID



2: METHYL 3-ACETYLTHIO-2-METHYLPROPANOATE



3: METHYL 3-CHLORO-2-METHYLPROPANOATE



4: METHYL 2-PHENYLPROPANOATE

(Complete Specification Pages – 23 Drawing sheet - 1)

Indian Classification	:	55 E_4	**191587**
International Classification[4]	:	A 61 K 31/00	
Title	:	**"AN IMPROVED PROCESS FOR THE PRODUCTION OF E-ANETHOLE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**RAJINDER KUMAR THAPPA** **SHRI GOPAL AGARWAL** **SUKHDEV SWAMI HANDA-ALL INDIAN.**	

Application for Patent Number 1445/DEL/1999 filed on 05/11/1999.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the production of E-Anethole which comprises reacting methylchavicol or essential oils containing methylchavicol with the basic catalyst selected from the group consisting of alkali and alkaline metal salts, alkaline metal alcoholates, alkali metal alkylds, alkali metal amides, alkali and alkaline metal oxides, hydroxides and chloride wit supported noble metal or phase transfer modifiers capable of inducing formation of carbanions optionally in presence of dipolar aprotic organic solvent and promoters selected from phase transfer catalyst selected from halogeneted organic compounds, at a temperature in the range of 100 to 300^0 C, at a pH in the range of 4 to 14, for a period in the range of 30 min. to 4 hr, recovering & purifying by known methods to obtain E-Anethole.

(Complete Specification Pages 11P Drawing NIL Sheet)

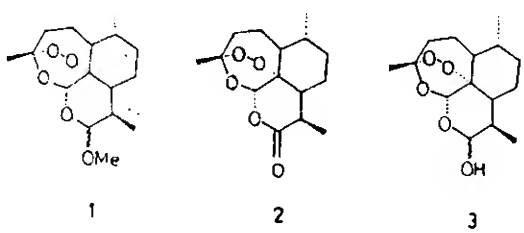
Indian Classification	55E	**191588**
International Classification 7	A61K 31/335	
Title	: "A ONE-POT PROCESS FOR THE PREPARATION OF ARTEMETHER FROM ARTEMISININ"	
Applicant	: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India.	
Inventors	: CHANDAN SINGH – INDIAN & PALLAVI TIWARI – INDIAN.	

Application for Patent Number 1534/DEL/99 filed on 14.12.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(3 Claims)

A one pot process for the preparation of artemether which comprise a) adding $NaBH_4$ in the ice-cooled solution of artemisinin of formula 2 of the drawing accompanying specification in methanol for a period of 30 to 90 minutes to get dihydroartemisinin of formula 3 of the drawing accompanying this specification b) stirring the mixture at room temperature for a period of 10 to30 minutes and adding a cation exchanger as herein described. c) stirring the reaction mixture for a period of 2 to 48 hrs at room temperature d) removing resin by filtration, concentrating the filtrate and purifying the product by known methods as herein described to get artemether of formula 1 of the drawing accompanying this specification.



1 2 3

(Complete Specification Pages – 7 Drawing sheets – 1)

Indian Classification	:	32F 3 (a), 55E	**191589**
International Classification		A61K 31/075, CO7 C 43/02	
Title	:	"AN IMPROVED ONE-POT PROCESS FOR THE PREPARATION OF ETHER DERIVATIVE OF DIHYDROTEMISININ.	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India.	
Inventors	:	CHANDAN SINGH – INDIAN PALLAVI TIWARI – INDIAN.	

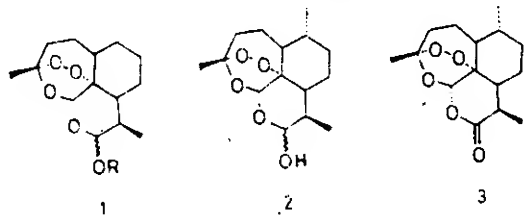
Application for Patent Number 1533/DEL/99 filed on 14.12.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

An improved one pot process for the preparation of either derivatives of dihydroartemisinin of formula 1 where in R is an alkyl group such as methyl, ethyl, n-butyl, cetyl, or an alkenyl group such as allyl, or an alkynyl group such as propargyl or trimethylsilyl substituted propartgyl, 3-hydroxpropyl, 4-hydroxybutyl, 8-hydroxyoctyl, 10-hydroxydecyl, 12-hydroxydodecyl and the like, which comprises,

(a) reducing in situ artemisinin of formula 3 to dihydroartemisinin of formula 2 by reacting artemisinin with a metal borohydride such as Na BH_4, in an organic solvent as herein described in presence of a cation exchanger as herein described at a temperature in the range of 0^0 C to room temperature for a period in the range of 0.25h to0.5 h,
(b) evaporating the organic solvent under vacuum, adding hydrocarbon solvent as herein described and stirring the reaction mixture at room temperature,
(c) adding a hydroxy compound selected from aliphatic or aromatic compound of formula 4 containing carbon atoms one to sixteen wherein R has the same meaning as above to the reaction mixture and stirring at room temperature
(d) removing the resin by known methods as herein described and purifying the compounds of formula 1 by known methods.



1 2 3

(Complete Specification Pages – 15 Drawing sheet – 1

Indian Classification	:	$55E_4$	**191590**
International Classification[4]	:	A 61 K 31/00; A 61 K9//00.	
Title	:	**"A PROCESS FOR THE PREPARATION OF IONICALLY CHARCHED COLLAGEN SPONGE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**DASARI VIJAYA RAMESH** **PRAVEEN KUMAR SEHGAL-BOTH INDIAN.**	

Application for Patent Number 1598/DEL/1999 filed on 31/12/1999.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A process for the preparation of ionically charged collagen sponge, which comprises:

(a) treating collagen solution with minimum 0.25% w/v of surfactant such as herein described characterized by that the collegen solution is treated in an inert atmosphere for a period of minimum 5 minutes at a temperature of maximum 37^0 C to form a frothy mass,

(b) incorporating to the said frothy mass, cationically in the range of 10-400% w/v of the collegen solution or anionically in the range of 2.5 to 5.0 w/v of the collegen solution charged ligands having formulae OR, wherein R = $-CH_3$ O, $-C_2H_7O$, $-C_3H_7O$, $-C(CH_3)_2O$,$-C(C_2H_5)_2O$, $-(C_2H_5O)_2$ O at polar amino acid sites of collagen in the presence of an inert atmophere to get ionically charges collagen solution,

(c) adding to the said ionically charged collagen, 0.25-1% of foaming agent 0.5% -1% of conventional cross linkers and 1-5% of pharmacologically active components such as herein described in the presence of an inert atmosphere followed by conventional lyophilisation at a temperature in the range of –20 to -60^0 C and subsequent sterilization in a known manner to get ionically charged collagen sponge.

(Complete Specification Pages 35 Drawing NIL Sheet)

Ind.Cl	:	206 C	**191591**
Int.Cl[4]	:	G 01 S 13/56	
Title	:	RADAR APPARATUS FOR THE DETECTION OF HIGH SPEED TARGETS.	
Applicant	:	THALES NEDERLAND BV, UIDELIJKE HAVENWEG 40, 7550-GD HENGELO, THE NETHERLANDS.	
Inventor	:	GELLEKINK BERNARD.	
Application no.		680/CAL/94 FILED ON 26.08.1994	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

Radar apparatus for the detection of high speed targets, comprising antenna means (1) controlled by a control unit (3), transmitter means for the generation, per antenna direction, of at least M bursts of at least N transmitter pulses, with M=2, 3,.....,N=2,3.....receiver means (2) for the reception, per transmitter pulse, or a radar echo signal determined per range quant, and a video processor (4) connected to the receiver means (2) , comprising an N-point Doppler filterbank (5) for the processing, per burst and per range quant, of radar echo signals into an N-bin Doppler spectrum and a threshold circuit (8), provided, for each range quant, with N threshold values for the generation of an alarm when crossing of at least one threshold for at least one range quant occurs, said threshold circuit (8) generating, per range quant of ,N threshold values on the basis of M Doppler spectra.

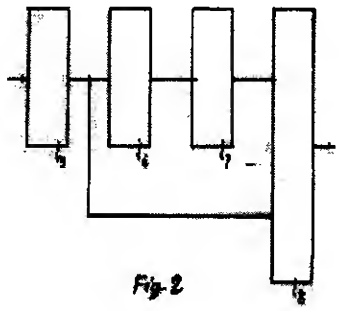


Fig. 2

Complete Specifications : 12 pages. ***Drawings: 2 sheets***

191592

Ind.Cl : 186 B

Int.Cl[4] : H 03 M -9/00

Title : DEVICE FOR CODING AND RECORDING INFORMATION WITH REDUCED LOW FREQUENCY CONTENT.

Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V OF, GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLAND.

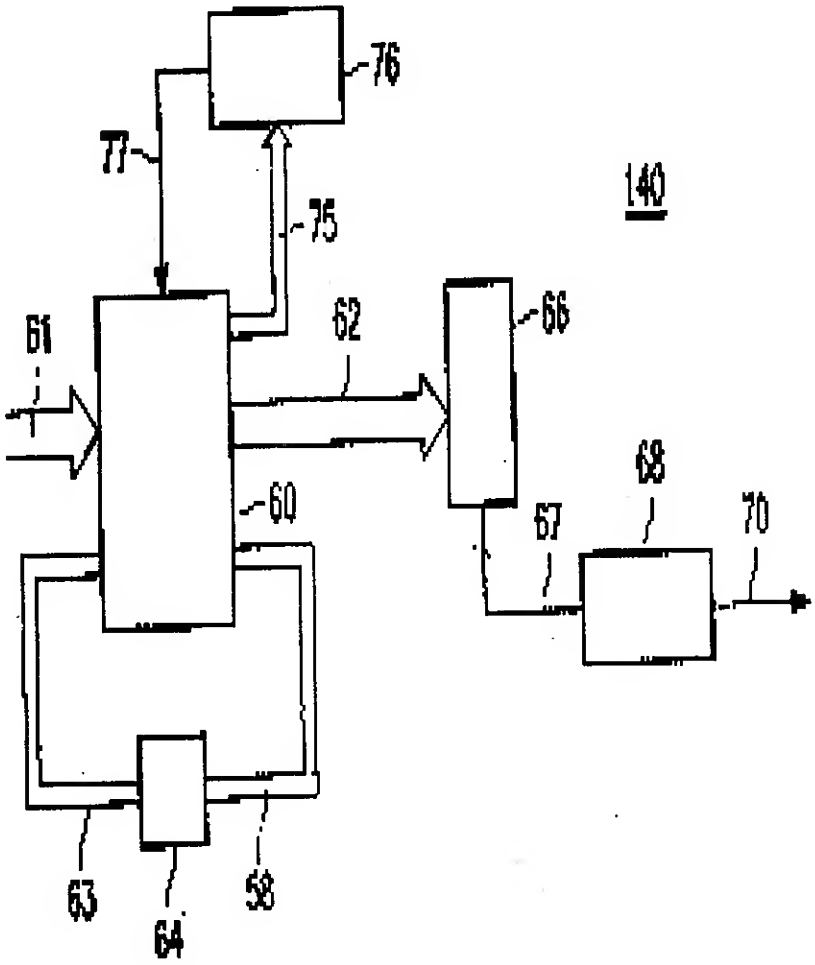
Inventor : KORNELIS ANTONIE SCHOUHAMER IMMINK

Application no. 1530/CAL/96 FILED ON 28.8.1996

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

3 CLAIMS.



Device for coding and recording information with reduced, low frequency content, comprising a coding device (140) which comprises an m-to-n bit converter (60) for converting the m-bit information words to n-bit code words, and means (66, 68) for converting the n-bit code words to a modulated signal, and state establishing means (60,64) for establishing a coding state on the delivery of a code word by the converter, the state establishing means being arranged for establishing a first type of coding state (S1,S4) for each of the delivered code words belonging to a group (G11,G12) of the first type which state is determined by the associated group, and for establishing a second type of coding state (S2,S3) for each of the delivered code words belonging to a group (G2) of the second type which state is determined by the associated group and by the information word associated to the delivered code word, and the m-to-n-bit converter (60) being arranged for selecting a code word corresponding to the information word from a set (V1,V2,V3,V4) of code words, that depends on the coding state (S1,S2,S3,S4), the sets (V2,V3) of code words belonging to the coding states (S2,S3) of the second type containing no code words in common, at least one code word of the group of the second type being associated with a plurality of information words among which the respective information word is distinguishable by detecting the respective set of which the following code word is a member, said device is arranged for selecting a code word after establishing the first type of coding state (S1, S4) from the set belonging to the established coding state or from a set belonging to a different coding State of the first type while not violating the predetermined criterion in dependence of a low frequency content of the modulated signal.

Complete Specifications : 15 pages. *Drawings: 38 sheets*

Ind.Cl : **191593**

Int.Cl[4] : C 07 C – 253/10, 255/07

Title : A PROCESS FOR THE PREPARATION OF NONCONJUGATED ACYCLIC OLEFIN NITRILES.

Applicant : E I DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor : 1. ANNE IRISA BREIKSS.
2. THOMAS FOO

Application no. 2143/CAL/96 FILED ON 12.12.1996

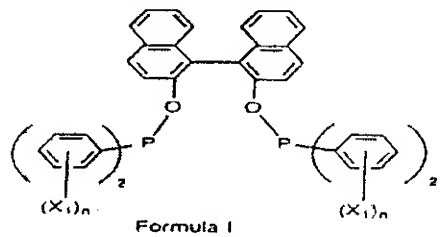
(CONVENTION NO. 08/577,355 FILED ON 22.12.1995 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

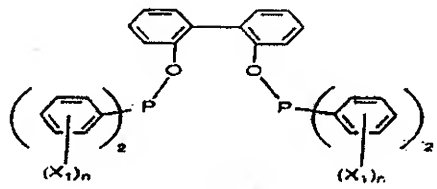
PATENT OFFICE KOLKATA.

7 CLAIMS.

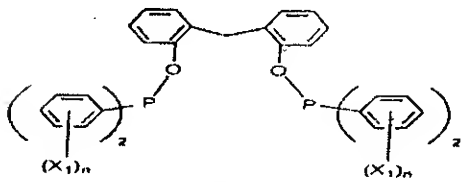
A process for the preparation of nonconjugated acyclic olefin nitriles by the liquid phase hydrocyanation of an aliphatic diolefin having 4 to 10 carbon atoms said process comprising reacting said diolefin with HCN at a temperature in the range of –25 to 200C in the presence of a catalyst comprising a zero-valent nickel compour. of the kind as herein described and at least one bidentate phosphorous compound selected from the compounds having the formula I through XIII of the kind such as herein described, wherein the aliphatic diolefin to catalyst is from 10:1 to 100,000 :1 and the compound of formulae I to XIII are given below:



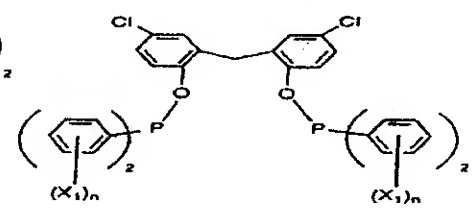
Formula I



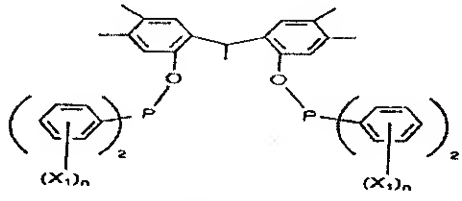
Formula II



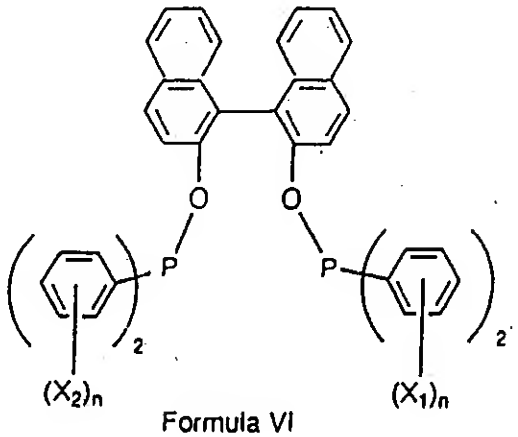
Formula III



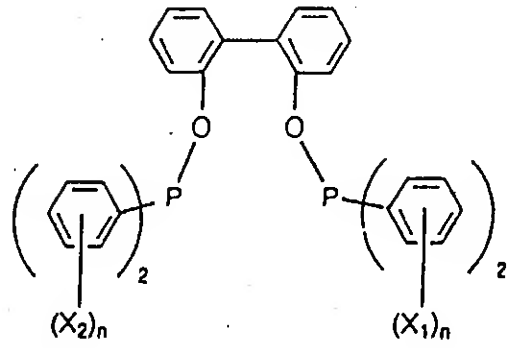
Formula IV



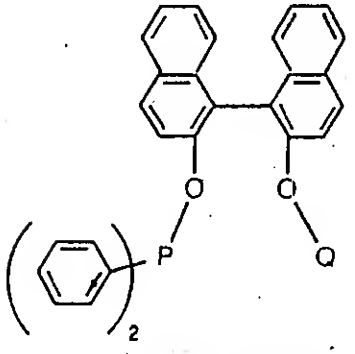
Formula V



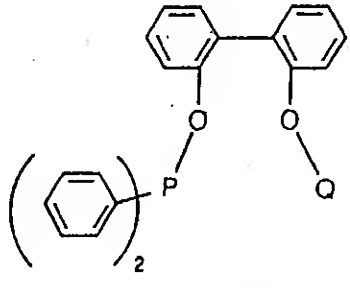
Formula VI



Formula VII

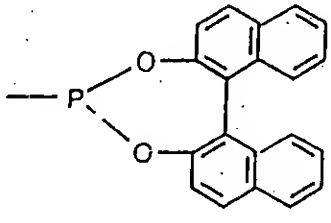


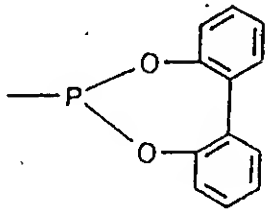
Formula VIII

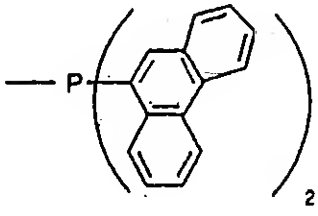


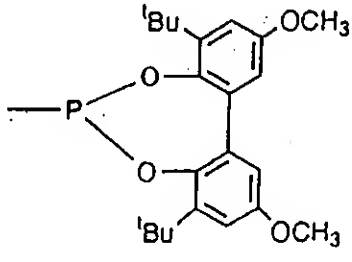
Formula IX

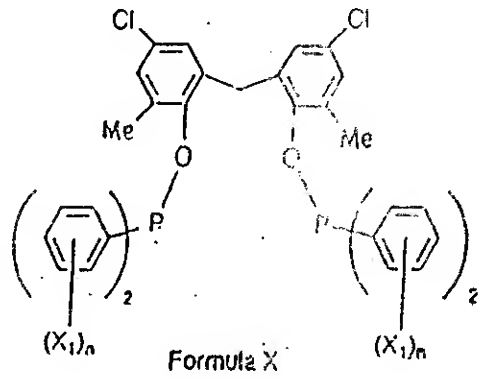
where Q =



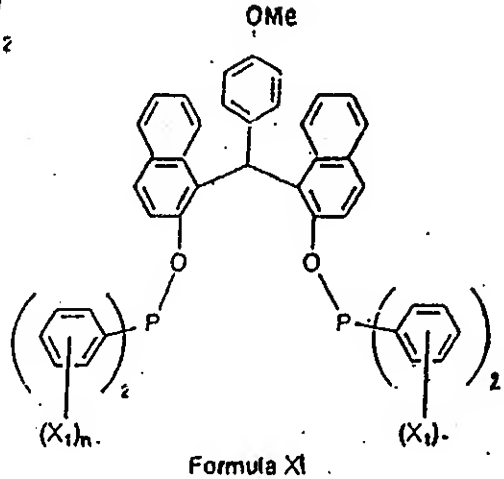




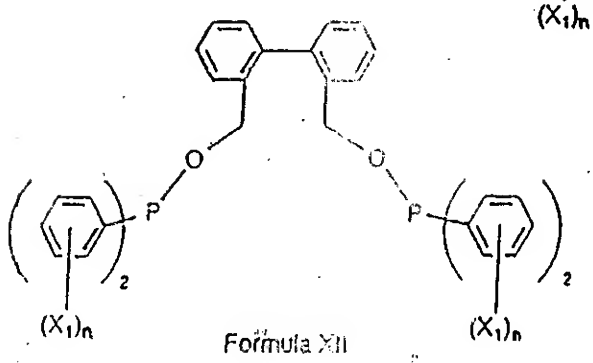




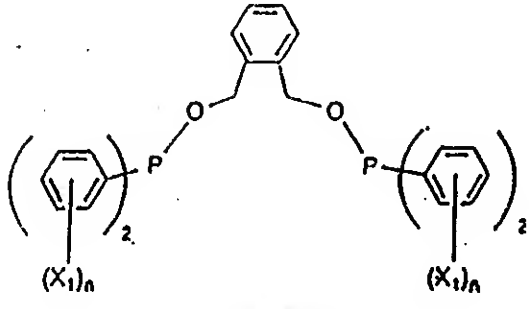
Formula X



Formula XI



Formula XII



Formula XIII

where X_1 is meta -Cl, para -Cl, meta $-CF_3$, para $-CF_3$, meta -F, para -F, meta -CN, para -CN, meta $-CH_3$, or para $-CH_3$; X_2 is methyl or alkoxy having 1 to 3 carbon atoms; n is zero, 1, or 2.

COMP. SPECN. : 26 PAGES; DRAWING : NIL SHEETS.

191594

Ind.Cl :

Int.Cl[4] : G 06 F 3/00

Title : A MICROCOMPUTER SYSTEM FOR AUTOMATIC SECURE AND DIRECT TRANSMISSION OF DATA.

Applicant : TIXI COM GMBH TELECOMMUNICATION SYSTEMS OF KARMELI-TERWEG 114, D- 13465 BERLIN, GERMANY.

Inventor : MARTIN BRABAND.

Application no. 2262/CAL/96 FILED ON 30.12.1996

(CONVENTION NO.19549307.9 FILED ON 29.12.1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

15 CLAIMS.

A microcomputer system for automatic, secure and direct transmission of data comprising:

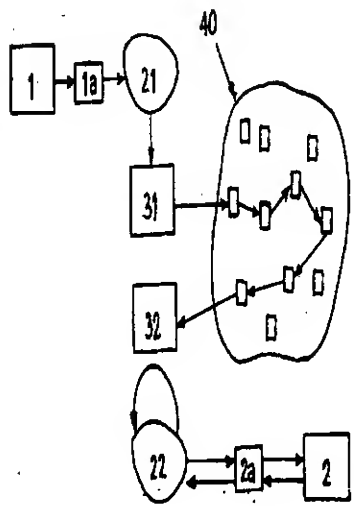
a) At least one first interface (50) for direct connection to a terminal device (1,2),

b) At least one second interface (51) for connection to a data transmission line (20) , in particular a telephone line,

c) At least one processor system (90) to control the operation of the microcomputer system (11,12),

d) At least one storage unit (80) for the storage of transmitted data, as well as for an operating system and operating software, and

e) An indicator and/or an acoustic signal generator for the received, sent and/'or stored information.



Complete Specifications : 36 pages. *Drawings: 3 sheets*

Ind.Cl : 32 E **191595**

Int.Cl[4] : C 08 F 220/54

Title : A PROCESS FOR THE PREPARATION OF A POLYMER COMPOSITION

Applicant : CYTEC TECHNOLOGY CORP. OF 1105 NORTH MARKET STREET SUITE 952, WILMINGTON, STATE OF DELAWARE 19801, UNITED STATES OF AMERICA.

Inventor : 1. SAMUEL S. WANG.
2. D.R. NAGRAJ.

Application no. 504/CAL/97 FILED ON 20.03.1997

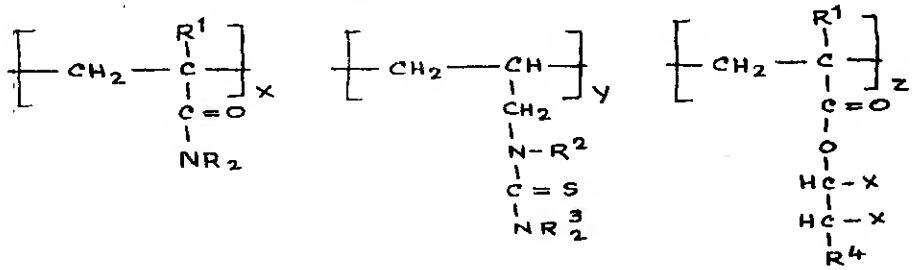
(Convention no. 08/625263 FILED ON 28.3.96 FILED ON IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

2 CLAIMS.

A process for the preparation of a polymer composition comprising recurring units of the formula:



Wherein each R is, individually, hydrogen or a C_1-C_4 alkyl group, each R^1 is, individually, hydrogen or methyl, R^2 is hydrogen or a C_1-C_4 alkyl group, each R^3 is, individually, hydrogen or a C_1-C_4 alkyl group, R_4 is hydrogen or a C_1-C_4 alkyl group, each X is, individually, hydrogen or a hydroxyl group with the proviso that at least one X is a hydroxyl group, x is a mole fraction ranging from about 60% to about 98%, y is mole fraction ranging from about 1% to about 20% and z is a mole fraction ranging from about 1% to about 20% and the molecular weight of thepolymer ranges from about 1,000 to about 2 million, comprising subjecting monomers containing x units as acrylamide units, the y units as allyl thiourea units and the z units as hydroxyethyl methacrylate or dihydroxypropyl methacrylate units, to copolymensation by known methods at a temperature in the range of 40 to 100° C, in the presence of an appropriate catalyst such as herein described.

Complete Specifications : 15 pages. *Drawings: NIL*

Ind.Cl : 17 E **191596**

Int.Cl[4] : C 12 N 1/16, 1/8, 1/19, 15/09, 15/68, 15/69, 15/81, C 12 P 7/06

Title : A METHOD FOR PRODUCING YEAST WHICH FERMENTS XYLOSE TO ETHANOL.

Applicant : PURDUE RESEARCH FOUNDATION, OF 1650, ENGINEERRING ADMINISTRATION BUILDING, ROOM 328, PURDUE UNITVERSITY, WEST LAFAYETTE, INDIANA 47907, UNITED STATES OF AMERICA.

Inventor : 1. YANG WANG HO.
2. ZHENG-DAO CHEN.

Application no. 803/CAL/97 FILED ON 05.05.1997

(CONVENTION NO. 60/016,865 FILED ON 06.05.1996 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

28 CLAIMS.

A method for producing yeast which ferments xylose to ethanol, comprising:

Transforming the yeast with a replicative and integrative plasmid having genes encoding xylose reductase, xylitol dehydrogenase and xylulokinase; and

Repeatedly replicating the yeast comprising the plasmid to produce a number of generations of progeny yeast while selecting for cells which include the plasmid in subsequent generations of the progeny yeast and produce cells having multiple integrated copies of the genes encoding xyloss reductase, xylitol dehydrogenase , and xylulokinase.

Complete Specifications : 50 pages. Drawings: 12 sheets

Ind.Cl : 206 E **191597**

Int.Cl[4] : H 04 L – 1/00

Title : METHOD FOR COMPUTER-AIDED BACK SIGNALLING IN AN AUTOMATIC REPEAT REQUEST PROCEDURE.

Applicant : SIMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. FRITZ SEYTTER.
2. BERNHARD WIMMER.

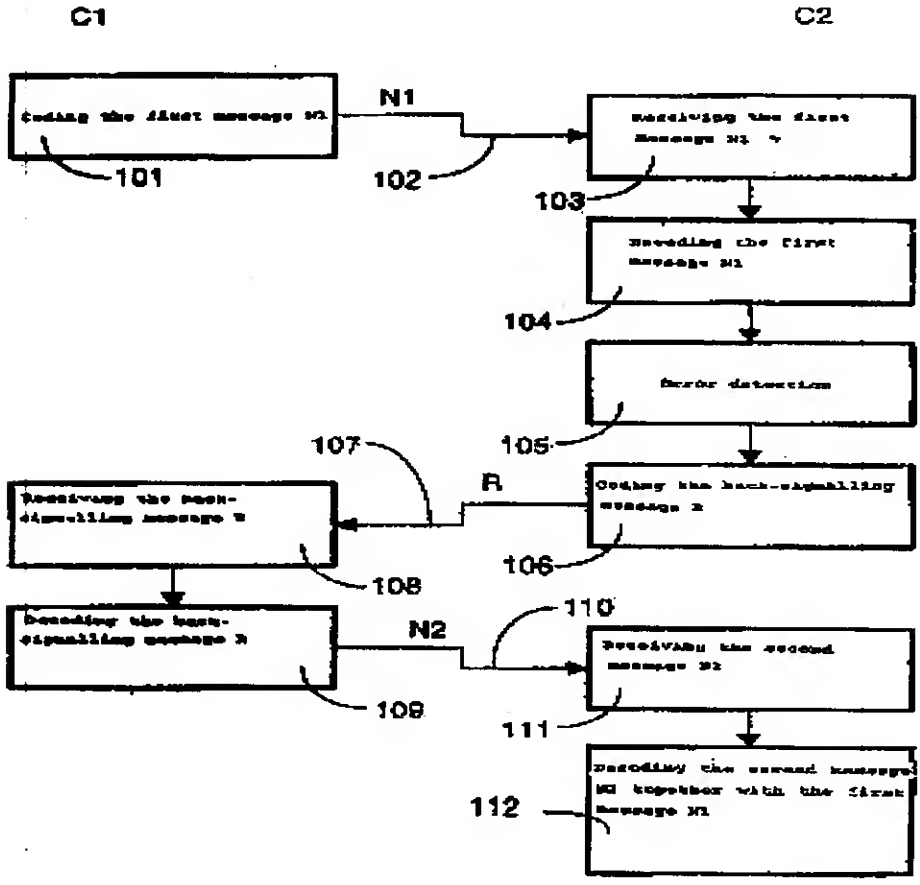
Application no. 876/CAL/97 FILED ON 15.05.1997

(CONVENTION NO. 19621995.7 FILED ON 31.05.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

3 CLAIMS.



Method for computer-aided back signalling in an automatic repeat request (ARQ) procedure, for exchange of messages between two computer units, comprising the steps of:

- Coding (101) an information word, having an arbitrary number of bits in a first computer unit (C1) into at least a first message (N1) and subsequent messages (Ni, I=2....n) by using a perforation code,
- transmitting (102) the first message (N1) in the first computer unit (C1) to a second computer unit (C2);
- receiving (103) the first message (N1) in the second computer unit (C2);
- decoding (104) the first message in the second computer unit (C2);
- checking in the second computer unit (C2) whether the first message (N1) was transmitted (105) without errors;
- coding (106) at least one back-signaling message in the second computer unit (C2) for transmission (107) to the first computer unit (C1), for the case in which the first message was not transmitted without errors;
- receiving (108) the back-signalling message (R) and decoding (109) in the first computer unit (C1);
- transmitting (110) to the second computer unit (C2), the requested second message (N2) containing an additional item of information relating to the first message (N1) for the purpose of error correction together with the first message (N1) in the second computer unit (C2); and
- receiving (111) the second message (N2) in the second computer unit (C2) for decoding (112) together with the first message (N1), characterized in that said back-signalling message (R) being transmitted to the first computer unit (C1) having at least one request field (ID) with a length of exactly one bit by means of which a second message (N2) is identified.

Complete Specifications : 12 pages. *Drawings: 2 sheets*

Ind.Cl :

191598

Int.Cl[4] : H 02 K 29/12 , H 02 K 29/14

Title : A ROTATION DETECTOR FOR USE WITH A DIRECT CURRENT MOTOR.

Applicant : JOHNSON ELECTRIC S.A. OF RUELLE DFU REPOS 18, 2300, LA CHAUX-DE-FONDS, SWITZERLAND.

Inventor : 1. JAMES CHING SIL LAU.

Application no. 99/CAL/1998 FILED ON 20.01.1998

(CONVENTION NO. 9701538.2 FILED ON 24.01.1997 IN UNITED KINGDOM.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

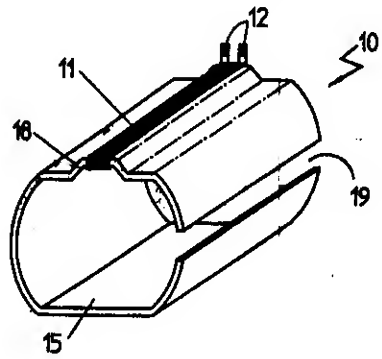
PATENT OFFICE KOLKATA.

9 CLAIMS.

A rotation detector for use with a direct current motor having a casing housing a permanent magnet stator, the detector comprising:

Magnetic flux conducting means and

A detector coil wound about the magnetic flux conducting means, characterised in that the magnetic flux conducting means is at least a part of a flux return path for the stator whereby the detector coil is magnetically coupled to the magnetic flux of the motor.



Complete Specifications : 7 pages. ***Drawings: 2 sheets***

Ind.Cl : 39 G **191599**

Int.Cl[4] : C 01 F 5/34 , C 25 C 3/04

Title : A PROCESS FOR PRODUCING SUBSTANTIALLY ANHYDROUS MAGNESIUM CHLORIDE.

Applicant : COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, OF 407 , ROYAL PARADE, PARKVILLE, VICTOTIA 3052, AUSTRALIA.

AND

AUSTRALIAN MAGNESIUM OPERATIONS PTY. LTD, OF LEVEL 6, 9 SHERWOOD ROAD, TOOWONG QUEENSLAND 4066, AUSTRALIA

Inventor : 1. SHEEHAN GREGORY JOHN.
2. HOURN MICHAEL MATTHEW.
3. WONG FOOK-SIN.
4. KODAMA MANABU.
5. JENKINS DAVID HUGHES.

Application no. 928/CAL/99 FILED ON 25.11.1999

(CONVENTION NO. PM 2065 FILED ON 28.10.93 IN AUSTRALIA.)

(DIVIDED OUT OF NO. 897/CAL/94 ANTE-DATED TO 28.10.1994.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

30 CLAIMS.

A process for producing substantially anhydrous magnesium chloride, the process comprising the steps of :

a) Forming an alcohol magnesium chloride solution by admixing hydrated magnesium chloride with an alcohol which is miscible with water;

b) Dehydrating the alcohol magnesium chloride solution to form a dehydrated alcohol magnesium chloride solution;

c) Forming a precipitate comprising magnesium chloride hexammoniate by separately introducing the dehydrated alcohol magnesium chloride solution and ammonia into a reaction vessel containing a non-aqueous solution having an ammonia content of greater than 7% by weight.;

d) Recovering the precipitate from the reaction vessel;

e) Washing the recovered precipitate with a washing solvent to form a washed precipitate, and

f) Heating the washed precipitate to form substantially anhydrous magnesium chloride;

and optionally recovering the alcohol from the reaction vessel, for its use in step (a), following recovery of precipitate from the reaction vessel in step (d).

Complete Specifications : 49 pages. ***Drawings: 1 sheet***

Ind.Cl : **191600**

Int.Cl[4] : A 61 K 31/00

Title : A PROCESS FOR PRODUCING CELLULAR PRODUCTS BY EXTRACTION FROM MICROORGANISMS IN A BIOREACTOR.

Applicant : BIOCON INDIA LIMITED, OF 14/1, RASTRAGURU AVENUE, NAGER BAZER, DUM DUM, CALCUTTA – 700 028, INDIA, AND OF 20TH K.M . HOSUR ROAD, HEBBAGODI – 561 229, BANGALORE DISTRICT, INDIA.

Inventor : 1. SURYANARAYAN SHRIKUMAR.
2. MAZUMDAR KIRAN.

Application no. 548/CAL/2001 FILED ON 25.9.2001

(CONVENTION NO. 192/CAL/2000 ANTE-DATED TO 31.03.2000)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

37 CLAIMS.

A process for producing cellular products, such as herein described, by extraction from microorganisms, in a bioreactor which is adapted to carry out all the steps involved in solid statefermentation in a contained environment, said process comprising the steps of :

Sterilizing a solid medium, such as herein described, or any support material capable of absorbing aqueous solutions,'

Inoculating the solid medium or the support material with microorganisms, for example, any bacteria, yeast, or fungi:

Cultivating the microorganisms by allowing the microorganisms to colonize the solid medium in an environment where one or more of adjusting of moisture, adjusting of temperature, or mixing of the solid medium occurs.

Extracting cellular products from the microorganisms by adding to the solid medium an extracting fluid that can dissolve the cellular products and removing the cellular products, from the solid medium; and

Sterilizing the extracted cells and used solid medium.

Complete Specifications : 35 pages. ***Drawings: 7 sheets***

Indian Classification - 129 G, 129 Q **191601**

International Classification[7] - B 23 K 10/00, B 23 K 26/00, B 23 K 26/14.

Title - "A HOLE FORMING APPARATUS"

Applicant - FUJI JUKOGYO KABUSHIKI KAISHA, of 7-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo-to, Japan.

Inventors - TATSUYA OTA - JAPAN
MASAMI MORITANI - JAPAN

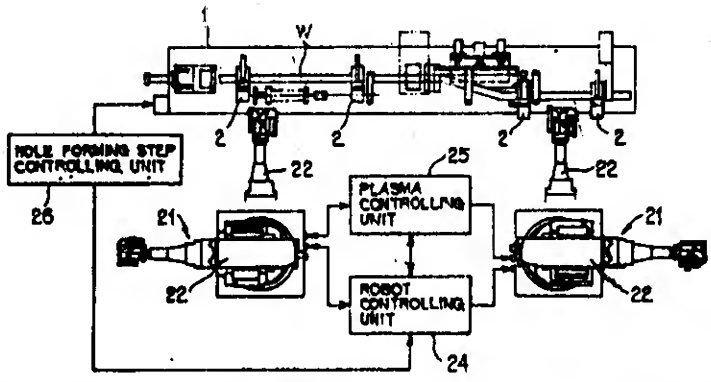
Application for Patent Number 1370/del/1995 filed on 20/07/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office, New Delhi Branch - 110 008

(Claims 09)

A hole forming apparatus for forming a hole in elongated hollow member W comprising a base frame 1, one or more of hollow member supporting stands 2 mounted on the said base frame 1 to firmly hold elongated hollow member W, a work lifter 9 provided on the said base frame 1 for vertically displacing the said member W between a working position and a standby position, a hole forming means 23 provided on the said base plate 1 for forming a hole having a predetermined diameter through a side wall of the said member W, and a cold air feeding means 15 provided in the vicinity of an opening portion at one end of the said member W to blow cold air onto the said member W.

FIG. 1



Complete Specification No of Pages 11 Drawings Sheets 08

Indian Classification	:	$55E_4$	**191602**
International Classification[4]	:	A 61 K-31/00	
Title	:	**"INTRAUTERINE CHEMICAL NECROSING METHOD, COMPOSITION AND APPARATUS".**	
Applicant	:	**DR. ROBERT S. NEUWIRTH,** a U.S. citizen, of 400 Gloucester Street, Englewood, New Jersey 07631, **USA.**	
Inventors	:	**ROBERT S. NEUWIRTH-US**	

Application for Patent Number 1257/DEL/98 filed on 12/05/1998
Convention date: 12/05/1997; 08/854.604; **USA.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A hysteroscope for treating endometrial mucosa of the uterus comprising:

- application menas adapted to contain a chemical cauterizing paste composition of the kind as herein described to the endometrial mucosa of the uterus;
- first introducing means adapted for introducing a fluid medium in the uterus to expand the uterus;
- second introducing means adapted for introducing a neutralizing agent as herein described into the uterus;
- withdrawing means adapted for withdrawing the neutralized paste composition from the uterus and
- monitoring means adapted for monitoring the pressure exerted by the paste composition against the endometrial mucosa.

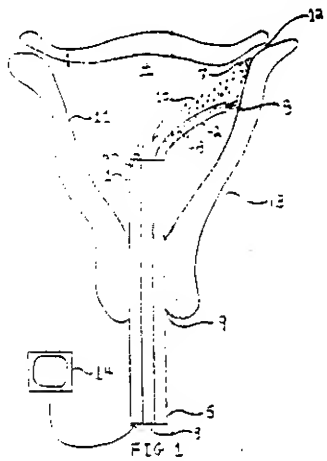


FIG 1

(Complete Specification Pages 33 Drawing 04 Sheets)

Indian Classification	:	55 A	**191603**
International Classification[7]	:	C11D 3/48 C11D 9/150	
Title	:	"A PROCESS FOR PREPARING ANTISEPTIC CLEANSING COMPOSITION."	
Applicant	:	NOVAPHARM RESEARCH (AUSTRALIA) PTY. LTD., of 3-11 Primorse Avenue, Rosebery, New South Wales 2018, Australia.	
Inventors	:	BRUNO ANTHONY GLUCK – AU	

Application for Patent Number 1315/Del/ 98 filed on 18th May. 98.
Convention date 20.5.1997/ PO 6909/ AU

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(12 Claims)

A process for preparing antiseptic cleansing composition comprising :

(a) up to 6% alkylpolysaccharide surfactant;

(b) up to 70% of at least one alkyl alcohol;

(c) up to 3% of at least one aryl alcohol;

(d) up to 4.5% of anti-microbial agent;

(e) and the balance being water;

wherein said process comprises the steps of mixing ingredients a), b),c),d) and e).

(Complete Specification 16 Pages ; Drawings Nil Sheets)

Indian Classification	:	32 C	**191604**
International Classification[4]	:	C12N 9/00	
Title	:	**"A PROCESS FOR THE PREPARATION OF NOVEL THERMOSTABLE α-AMYLASE ANTIBODY CONJUGATE."**	
Applicant	:	DEPARTMENT OF SCIENCE & TECHNOLOGY, Ministry of Science and Technology, Government of India, Technology Bhavan, New Mehrauli Road, New Delhi-110 016, INDIA.	
Inventors	:	SARITA NANDA – INDIAN SANTOSH KUMAR KAR - INDIAN	

Application for Patent Number 1402/Del/98 filed on 25th May 1998.
Complete left after provisional on 25.5.99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A process for preparation novel thermostable α –amylase-antibody conjugate, said process comprising the steps of:

(a) dissolving α –amylase in a buffer of neutral pH to obtain a solution and adding a cross-linking agent such as herein described to the solution,

(b) incubating the solution for 2-24 hrs in a manner such as herein described,

(c) optionally removing the excess cross-linking agent by dialysis in a buffer of pH 7 to 9.5 and adjusting the pH if desired,

(d) adding an antibody such as herein described to the solution and incubating the same overnight,

(e) adding ammonia-donating compounds such as herein described for saturation of unconjugated enzyme,

(f) changing the buffer and thereby obtaining a-amylase-antibody conjugate which is suspended in neutral pH and storing the amylase-antibody conjugate at 4^0C to -20^0C.

(Provisional Specification 14 Pages Drawings Nil Sheets)
(Complete Specification 33 Pages Drawings 12 Sheets)

Indian Classification	:	55 E4	**191605**
International Classification[4]	:	C12N 9/52	
Title	:	"A PROCESS FOR THE PREPARATION OF MAJOR VARIABLE LIPOPROTEIN SUSPENSION USEFUL AS IMMUNOMODULATOR FOR ENHANCEMENT OF HOST DEFENCE. "	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH. Rafi Marg, New Delhi – 110 001. INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RANJAN BHADRA - INDIAN KRISHNA DAS – INDIAN	

Application for Patent Number 1679/Del/98 filed on 18th June 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003): Patent Office Branch, New Delhi – 110 008.

(4 Claims)

A process for the preparation of major variable lipoprotein suspension useful as an immunomodulator for enhancement of host defense which comprises :

(i) washing the harvested avirulent protozoa of the kind as herein described to get a clear suspension and dividing into two parts

(ii) heating one part of the suspension obtained in step (3) at a temperature 50-65^{0}C for a period in the range of ½ hour to one hour by known methods, outolysing the other parting an incubator at 37^{0}C for ½ hour. mixing the two parts adding conventional buffer solution to adjust pH at 7.2 to obtain the variable lipo protein suspension.

(Complete Specification 17 Pages Drawings Nil Sheets)

Indian Classification	:	83 B5	**191606**
International Classification[4]	:	A 232 1/00.	
Title	:	**"A PROCES FOR PREPARATION OF MODIFIED WHEAT FLOUR USEFUL FOR PREPARATION OF COATED SNACKS HAVING IMPROVED TEXTURE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**MAYA PRAKASH** **AMBALE GUNDAPPA GOPALA KRISHNA** **SUBBA RAO NARASINGHA RAO RAGHAVENRA RAO** **JAMBUR VENKATESHAIAH PRABHAKAR** - ALL INDIAN	

Application for Patent Number 2145/DEL/1998 filed on 24/07/1998. 9mb
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi - 110 008

(02 Claims)

A process for preparation of modified wheat flour useful for preparation of coated snacks having improved texture, and less fat at the time of preparing dough/batter for textural property of coated fried snacks, characterized in that the wheat flour is being steamed in an autoclave at atmospheric pressure for 5 – 30 minutes, cooled to room temperature and sieved in a 223 μ size mesh to get the desired modified wheat flour.

(Complete Specification Pages 15 Drawing NIL Sheet)

Indian Classification	:	55E[4]	**191607**
International Classification[4]	:	A 61 K 31/00	
Title	:	**"PROCESS FOR ISOLATION OF 14-β HYDROXY -10-DEACETYL BACCATIN-III FROM TAXUS SPECIES".**	
Applicant	:	**DABUR RESEARCH FOUNDATION**, an Indian company of 22, Site IV, Sahibabad, Ghaziabad 201 010, **INDIA.**	
Inventors	:	**DR. SUNDER RAMADOSS** **DR. ANAND VARDHAN-BOTH INDIAN**	

Application for Patent Number 2194/DEL/1998 filed on 27/07/1998
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A process for the isolation of 14β-hydroxy-10-deacetyl baccatin III from Taxus species, said process comprising the step of:

(a) treating pulverised and optionally dried parts of a plant to Taxus species with an aliphatic alcohol as hereindescribed to obtain an extract,
(b) concentrating the extract partially by known method,
(c) treating the extract with an aliphatic ketone as hereindescribed and separating the insolubles by centrifugation or filtration to yield a residue and a filtrate,
(d) removing the coloured substances by contacting the filtrate with an aromatic hydrocarbon, followed by treatment with an aliphatic ester or a chlorinated solvent as hereindescribed and evaporating the solution to dryness to obtain a semisolid residue,
(e) treating the residue with an aliphatic nitrile and separating 10-deacetyl baccatin III from the liquid formed by selective crystallization as hereindescribed,
(f) treating the residual solution of step(e) with an aromatic hydrocarbon solvent and removing the insolubles by treatment with aliphatic esters or alcohol or chlorinated solvent as hereindescribed, and
(g) isolating 14β-hydroxy-10-deacetyl baccatin III by known methods as hereindescribed.

(Complete Specification Pages 12 Drawing 01 Sheet)

Indian Classification	:	$55E_4$	**191608**
International Classification[4]	:	B 01J-21/00.	
Title	:	**"A METHOD FOR PREPARING A COMPOUND OF FORMULA H_2NQ OR a SALT THEREOF".**	
Applicant	:	**ADVANCED PHYTONICS LIMITED,** a British Company, of Olway Works Healey Road, Ossett, West Yorkshire WF 5 8LT, **ENGLAND.**	
Inventors	:	**MAZIN NICOLA-BRITISH.**	

Application for Patent Number 2610/DEL/98 filed on 02/09/1998
Convention date: 05/09/1997; 9718740.5; U.K. ,

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(17 Claims)

A method of preparing a second compound of formula H_2NQ or a salt thereof such as hereindescribed by catalytic conversion of a first compound of formula R_1NHQ such as herein described, the method comprising:

a) contacting a first compound and a catalyst in a solvent mixture comprising water and a first non-aqueous solvent, wherein

i) the first non-aqueous solvent is a fluorinated, non-chlorinated alkanem alkene or alkyne having up to four carbon atoms, and

ii) the catalyst is an enzyme such as hereindescribed,

b) allowing the enzyme to convert the first compound into a second compound, and

c) isolating a desired compound by a known manner such as hereindescribed.

(Complete Specification Pages 26 Drawing NIL Sheets)

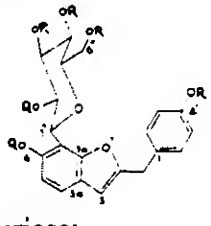
Indian Classification	:	55 E	**191609**
International Classification[7]	:	A61K 31/00•A61K 35/78	
Title	:	"A PROCESS OF ISOLATION OF 6-HYDROXY-2-P-HYDROXYBENZYL BENZOFURAN-7-C-β-D-GLUCOPYRANOSIDE FROM PTEROCARPUS MARSUPIUM."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAKESH MAURAYA - INDIAN DEEPA SINGH – INDIAN ASHA BHAGAT – INDIAN OM PRAKASH GUPTA – INDIAN SUKHDEV SWAMI HANDA - INDIAN	

Application for Patent Number 327/Del/99 filed on 25th Feb. 2003.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for the isolation of 6-hydroxy-2-*p*-hydroxybenzylbenzofuran –7-C-β-D-glucopyranoside from *Pterocarpusmarsupium* of the formula I



where R=H or $COCH_3$, which comprises:

(a) powdering of the heartwood of the plant *pterocarpus marsupium.*

(b) preparing extract of the powdered plant so prepared, with protic solvent such as herein described

(c) concentrating the extract to minimum volume and partitioning with different organic solvents such as herein described of increasing polarity containing (1-6 carbon atoms in the molecule),

(d) isolating the 6-hydroxy –2-*p*-hydroxybenzylbenzofuran –7-C-β-D-glucopyranoside from the organic extract by known chromatographic methods as herein described.

(Complete Specification 9 Pages Drawings 1 Sheet)

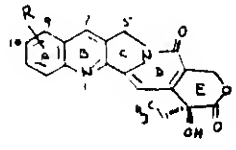
Indian Classification	32 F_3	**191610**
International Classification[7]	C07D 491/147	
Title	"AN IMPROVED PROCESS FOR THE PREPARATION OF NITRO (20S)-CAMPTOTHECIN."	
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	SATISH CHANDER PURI - INDIAN RAJINDER KUMAR GUPTA – INDIAN GEETA HANDA - INDIAN PRITI SOMAL – INDIAN VINAY KUMAR GUPTA – INDIAN SUKHDEV SWAMI HANDA – INDIAN SUNIL KUMAR BANERJEE - INDIAN	

Application for Patent Number 1559/Del/99 filed on 21st Dec. 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(6 Claims)

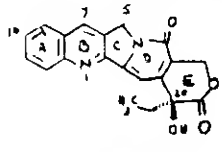
An improved process for the preparation of nitro (20S)-Camptothecin of formula II



FORMULA-II

wherein R is 9 to 12 nitro which comprises;

(a) suspending natural 20(S)- camptothecin of formula I



FORMULA-I

this specification in a medium as herein described at a temperature in the range of 25-40^{0}C for a period in the range of 20-60 minutes with stirring to get fine homogenous suspension,

(b) Adding nitration mixtures as herein described, stirring for a period in the range of 2 to 4 hrs at a temperature range of 5-35^{0}C,

(c) Allowing reaction mixture to settle for a period in the range of 12 to 24 hrs and pouring into crushed ice,

(d) The resultant suspension is allowed to settle for a period 2-3 hrs,

(e) Filtering the suspensions, the residue so obtained is undesired product 12-nitro camptothecin and can be purified if required,

(f) Remaining filtrate is extracted with solvent as herein described,

(g) Isolating the nitro (20S)- camptothecin from the extract by known methods and purifying by conventional chromatographic methods.

(Complete Specification 11 Pages Drawings 1 Sheet)

Ind.Cl : 187 d **191611**

Int.Cl[4] : H 04 Q – 3/495

Title : CIRCUIT ARRANGEMENT FOR ROUTING AND CHARGING IN A SWITCHING CENTRE.

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. MARKUS PLACHO.
2. EFTAT TOPUZOGLU.

Application no. 2053/CAL/96 FILED ON 28.11.1996

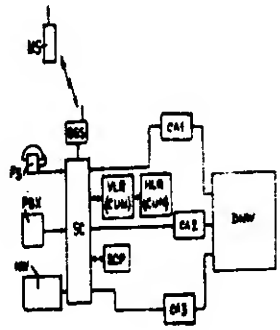
(CONVENTION NO. 19546598.9 FILED ON 13.12.1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

1 CLAIMS.

Circuit arrangement for routing and charging in a switching centre (SC). by which, during calls, those switching functions are carried out which relate to mobile radio subscribers in a mobile radio network which has a cellular structure and in which subscriber-specific data about the mobile radio subscriber are stored in at least one central subscriber data base (for example HLR) and are entered into local subscriber data bases (for example HLR) in whose supply areas the mobile radio subscribers are located characterized in that the circuit arrangement comprises a central subscriber data base (for example HLR) with a store (for example SCP, VLR) for a customer number (CUN) for the mobile radio subscriber as subscriber- specific data in each case and in that at least one transmission network (CA2) has transmission lines available for routing and call charging on the basis of the entered customer number (CUN) in case of a call.



Complete Specifications : 8 pages. ***Drawings: 1 sheet***

191612

Ind.Cl : 128 K

Int.Cl[4] : A 61 B – 17/00 A 61 B – 1/00

Title : AN IMPROVED ENDOTRAINING DEVICE FOR LEARNING LAPAROSCOPIC SURGERY

Applicant : 1. DR. NIRJHAR BHATTACHARYA
2. DR. TULIKA BHATTACHARYA
OF HOSTEL SUPERINTENDENT'S QUARTERS, MEDICAL COLLEGE MAIN BOYS HOSTEL 217, B.B GANGULY STREET, KOLKATA 700012, WEST BENGAL, INDIA.

Inventor : DR. NIRJHAR BHATTACHARYA

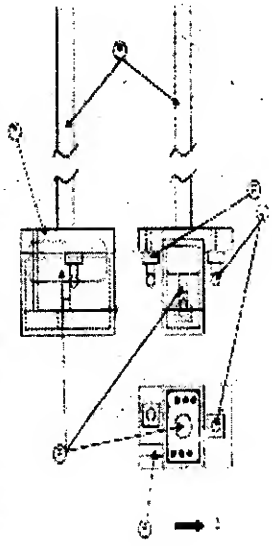
Application no. 394/CAL/2001 FILED ON 16/07/2001

(COMPLETE AFTER PROVISIONAL DATED ON 16.07.2002)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

23 CLAIMS.



An improved endotraining device for learning laparoscopic surgery comprising of an endotranining box (A,,B,C,D,E,F,G), an endovision system with a simple video camera (14) and a simple light source (16,17) animal tissue mounting plates (22, 28) and a colour television with audiovisual input (fig , 7) wherein the endotraining box (A,,B,C,D,E,F,G) consists of a surface A, hinged to bevelled surface B of the roof (B+C+D) which also acts as the top lid (2) of the endotranining box, a bi-beveled top portion D on the roof, side walls E, a front lid (10) and a detachable working floor (G) which fits with the real floor (11) of the endotranining box and a small, color, video camera (14) with cords is mounted on a camera holder (15) with camera manipulation rod (18) and a simple light source (16,17) is attached to the said camera holder (15), and the said assembly of camera holder (15) with camera (14) , light source and the camera manipulation rod (18) is inserted into the said endotrainer box by lifting the said top lid (2) such that the camera manipulation rod (18) attached to the camera holder (15) comes out through a hole (3) in surface B of the roof of the said endotranining box or through a hole (5) on the surface (A) of the endotranining box and further, the tissue mounting plates (22, 28) with specimen mounted on the plates with the help of adjustable clamps (19) and (23) is fixed to the open front lid (10) with a clamp (20) and a colour television with audiovisual input is connected to said camera (14) to monitor the entire operation and a 'Power supply unit' which initially steps down the domestic AC current, rectifies it to DC current then filters and regulates it ultimately to produce a variable voltage output, supplies the camera and the lights according to their power requirements (fig. 7)

PROVISIONAL SPECIFICATION : 6 PAGES.

Complete Specifications : 27 pages. ***Drawings: 7 sheets***

Ind.Cl :

191613

Int.Cl[4] : B 65 D 75/58 B 65 D 75/00

Title : A CONTAINER FOR LIQUID MATERIALS AND METHOD OF MANUFACTURING THE SAME.

Applicant : KABUSHIKI KAISHA HOSOKAWA YOKO OF JAPAN, OF NO.11-5 NIBAN-CHO, CHIYODA-KU, TOKYO-TO, JAPAN.

Inventor : TOORU ICHIKAWA

Application no. 1195/CAL/96 FILED ON 28.6.1996

(CONVENTION NO.7-161928 FILED ON 28.6.95 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

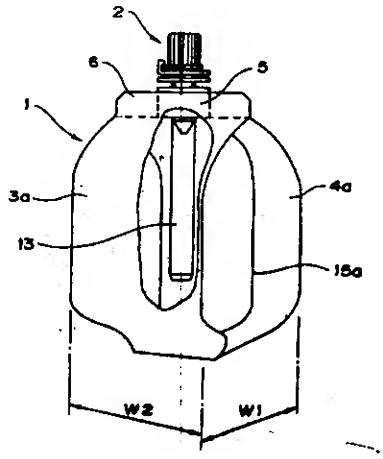
12 CLAIMS.

A container for liquid materials which comprises :

A bag-shaped container body (1) formed of a flexible film and composed of two flat portions 3(3a,3b) which constitute front and back walls and two gusset portions 4(4a,4b) which are folded inwardly and constitute side walls of the container; and

A pipe-shaped delivery unit (2) having atleast a mouth portion which is formed at an upper end thereof and projects out of an upper end portion of the container body, and a flange portion (12) which is formed below said mouth portion and held at the upper end portion of the container body to constitute a joining portion (5) between the delivery unit and the container body,

Wherein , each of said gusset portions has a width approximately equal to that of each flat portion inward end portions of the two gusset portions which are projected inwardly of the container body being interposed between the flange portion (12) and the flat portions at the joining portion.



Complete Specifications : 24 pages. ***Drawings: 13 sheets***

Ind.Cl : 194 C **191614**

Int.Cl[4] : H 01 J – 29/07

Title : COLOR PICTURE TUBE HAVING AN IMPROVED SHADOW MASK-TO-FRAME CONNECTION.

Applicant : THOMSON CONSUMER ELECTRICS, INC.OF 10330 NORTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46290-1024, USA

Inventor : FRANK ROWLAND RAGLAND, JR.

Application no. 2181/CAL/96 FILED ON 17.12.1996

(CONVENTION NO. 08/578868 FILED ON 28.12.1995 IN USA)

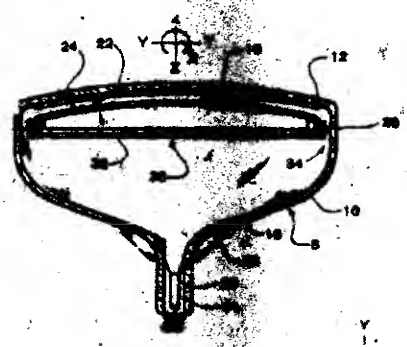
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

A color picture tube having an improved shadow mask to frame connection comprising an evacuated glass envelope having a rectangular face plate panel, wherein the panel comprises a shadow mask assembly mounted therein and the shadow mask assembly comprises a shadow mask that is formed from a first metal having a first coefficient of thermal expansion and a frame formed from a second metal having a second coefficient of thermal expansion, the first coefficient of thermal expansion being substantially lower than the second coefficient of thermal expansion characterized in that

said shadow mask is interconnected with said frame by a plurality of bimetallic elements, each of said elements having a first end attached to said frame and a second end attached to said mask, each bimetallic element being formed of materials that cause a bending of said element an amount related to the thermal expansion of said frame.



Complete Specifications : 8 pages *Drawings: 2 sheets*

Ind.Cl : 172 D 8 **191615**

Int.Cl[4] : D 01 H 1/08

Title : A METHOD FOR PRODUCING YARN BY POT SPINNING AND AN APPARATUS THEREOF.

Applicant : W. SCHLAFHORST AG & CO. OF POSTFACH 100435, D-41004 MONCHENGLADBACH, GERMANY.

Inventor : 1. VOLKER ROLAND.
2. PETER VOIDEL.
3. MATTHIAS SEIFFRT.
4. PETER SPROD.

Application no. 829/CAL/96 FILED ON 06.05.1996.

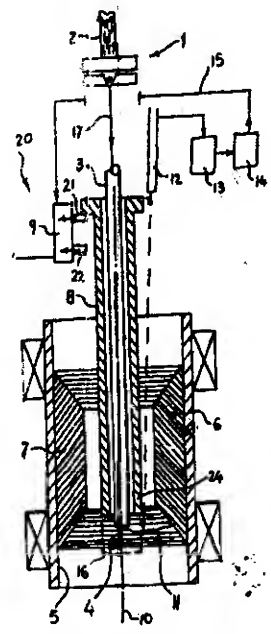
(CONVENTION NO. P19523835.4 FILED ON 30.6.95 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 **CLAIMS.**

A method for producing yarn by pot spinning comprising the steps of rotating a spinning pot (6) about a spinning axis (10), delivering a yarn (11) onto an inner circumferential surface (5) of the spinning pot (6) through an exit mouth (4) of a tubular yarn guide (3) in the form of a travelling extent (11) of the yearn (13) revolving about the axis (10) of the spinning pot (6), and monitoring deviations in the delivery of the yarn (11) by detecting deviations in a duration of revolution of the travelling yarn extent (11) at the mouth (4) of the yarn guide tube (3).



Complete Specifications : 13 pages. ***Drawings: 1 sheets***

Ind.Cl : 206 B **191616**

Int.Cl[4] : H 04 L – 9/00

Title : A COMMUNICATION SYSTEM FOR ACTIVATING SECURED FUNCTIONS BY A PERIPHERAL DEVICE.

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY.

Inventor : 1. GUENTER LUKAS.
2. FRIEDRICH RAMBERGER.
3. PETER GIESE.
4. SIEGFRIED SPAHL.

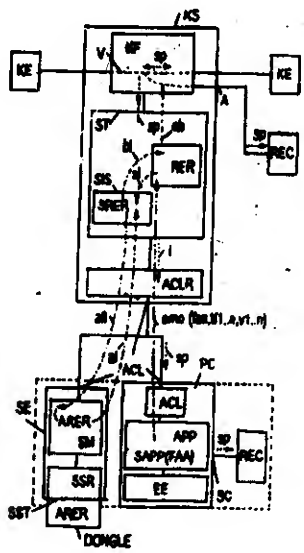
Application no. 2129/CAL/96 FILED ON 10.12.1996

(CONVENTION NO. COMPRISING 9549014.2 FILED ON 28.12.1995 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.



A communicating system for activating secured functions by a peripheral device, connected to said communication system, characterized in that,

an additional encryption unit (SE) is provided for receiving function-dependent encryption algorithms (SPER) assigned to said communication system (KS);

said peripheral device (PC) adapted for transmitting at least one operating instruction (amo) for activating a secured function (FAA) and a security routine (SIS) in said communication system (KS);

said encryption unit (SE) adapted for receiving interrogation information (afi) which is encrypted in a functionally specific manner, at least temporarily by said activated security routine (SIS); and

said encryption unit (SE) receiving the secured function (FAA) which is initiated or continues to be carried out providing response information (ai), additionally encrypted in a functionally specific manner, in the security routine (SIS), within a predetermined time interval after each transmission of the interrogation information (afi).

Complete Specifications : 13 pages. ***Drawings: 1 sheets***

Ind.Cl : 187 d **191617**

Int.Cl[4] : H 04 Q – 7/24- 11/04

Title : A UNIVERSAL TRANSMISSION NETWORK FOR TRANSMITTING INFORMATION FROM ANDO TO A RADIO SUBSCRIBER STATION

Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

Inventor : 1. RALF HAFERBECK
2. DR. DETLEF ERNST.

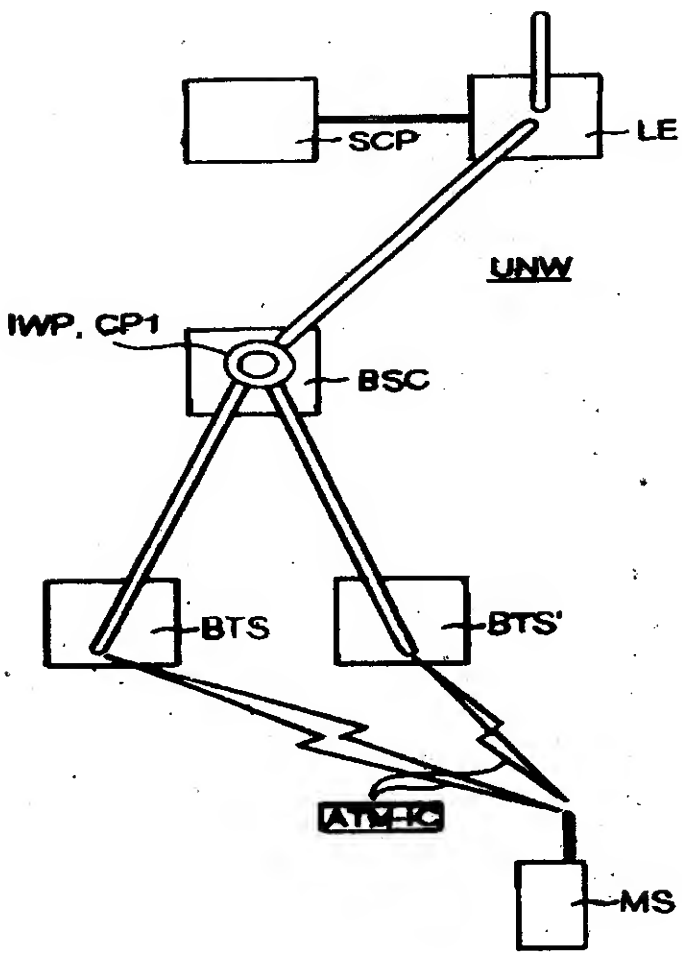
Application no. 2111/CAL/96 FILED ON 9.12.96

(CONVENTION NO. 19547467.8 FILED ON 19.12.95 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.



A universal transmission network (UNW) for transmitting information from and to a radio subscriber station (MS), comprising various redundant transmission paths between said transmission network and said radio subscriber station, said radio subscriber station being set up in parallel via a radio transmission interface of said transmission network for transmitting in the transmission frame and combining at combination points (CP1, CP2) at which two transmission paths in each case being combined to form a single transmission path in one transmission direction, the single transmission path being split into two transmission paths in the other transmission direction; characterized in that, a central control device (SCP) is provided in the transmission network for selecting the combination point (for example CP1) at which the last transmission paths are combined or the single transmission path is split, being selected as an interworking point (IWP) in the transmission network for obtaining information on all the combination points (CP1,CP2) at which interworking point (IWP) information which is encoded specifically for mobile radio networks and is contained in the transmission frame is converted into encoded information specifically for fixed networks.

Complete Specifications : 13 pages. *Drawings:3 sheets*

Ind.Cl : 186 b **191618**

Int.Cl[4] : H 03 M – 13/00

Title : AN APPARATUS FOR DETERMINING AN OPTIMUM SEARCH GRID FOR USE IN A BLOCK-BASED VIDEO SIGNAL CODING SYSTEM.

Applicant : DAEWOO ELECTRONICS CORPORATION, OF 686 AHYEON-DONG, MAPO-GU, SEOUL, KOREA.

Inventor : JIN-HUN KIM

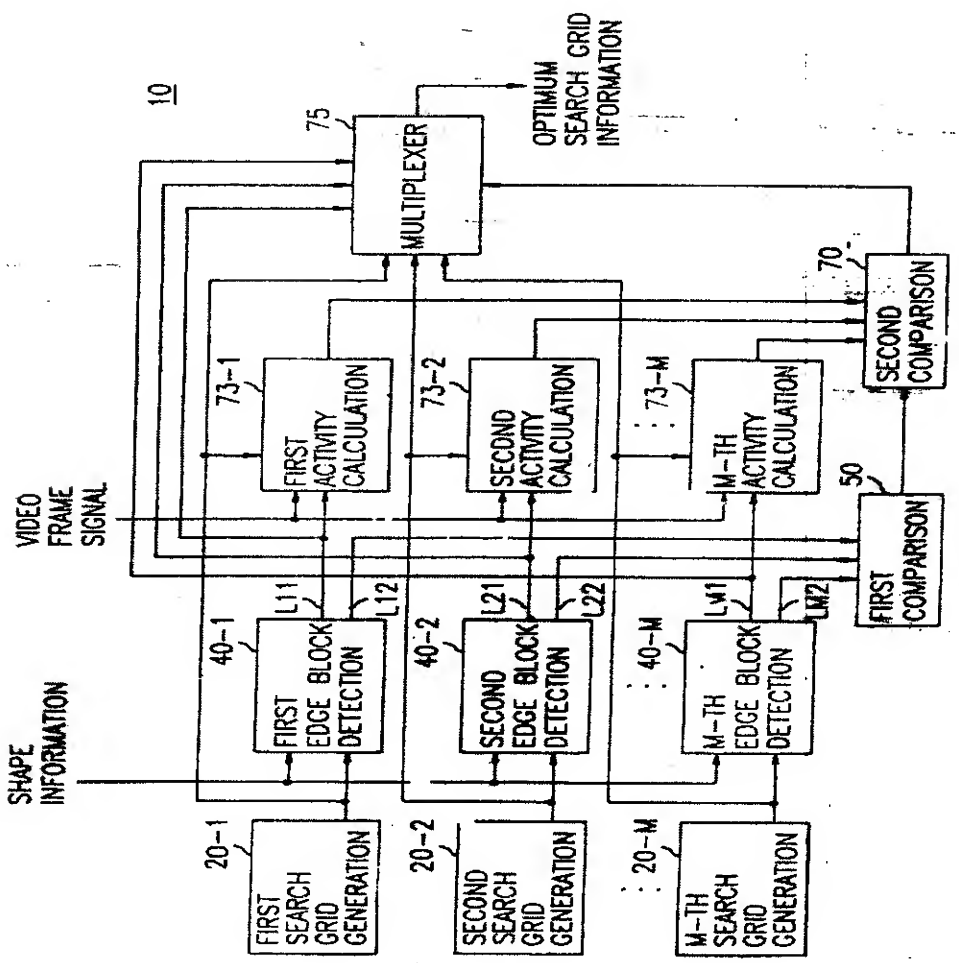
Application no. 670/CAL/97 FILED ON 21.04.1997

(CONVENTION NO. 96-17811 FILED ON 23.5.96 IN SOUTH KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

5 CLAIMS.



An apparatus for determining an optimum search grid for use in a block-based video signal coding system wherein a video object plane of a video signal of an object is divided into a plurality of equal-sized search block, each of the search blocks having N x N pixels with N being a positive integer, the apparatus comprising:

a plurality of search grid generation circuits (20-1 to 20-M) for generating a plurality of search grids, wherein each of the search grids is relatively shifted from an adjacent search grid by a predetermined spacing;

a plurality of edge block detection circuits (40-1 to 40-M) for detecting edge block included in each search grid, wherein an edge block represents a search block having a portion of the boundary of the object, by using shape information of the object; and

selecting circuits (50, 73-1 to 73-M, 70 and 75) for selecting a search grid based on the number of the edge blocks and the pixels values in the edge blocks to determine the selected search grid as the optimum search grid.

Complete Specifications : 16 pages. ***Drawings: 2 sheets***

191619

Ind.Cl : 206 E

Int.Cl[4] : G 11 B 5/008 H 04 N 5/76

Title : A CODING DEVICE.

Applicant : KONINKLIJKE PHILIPS ELECTRONICS N.V OF GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS

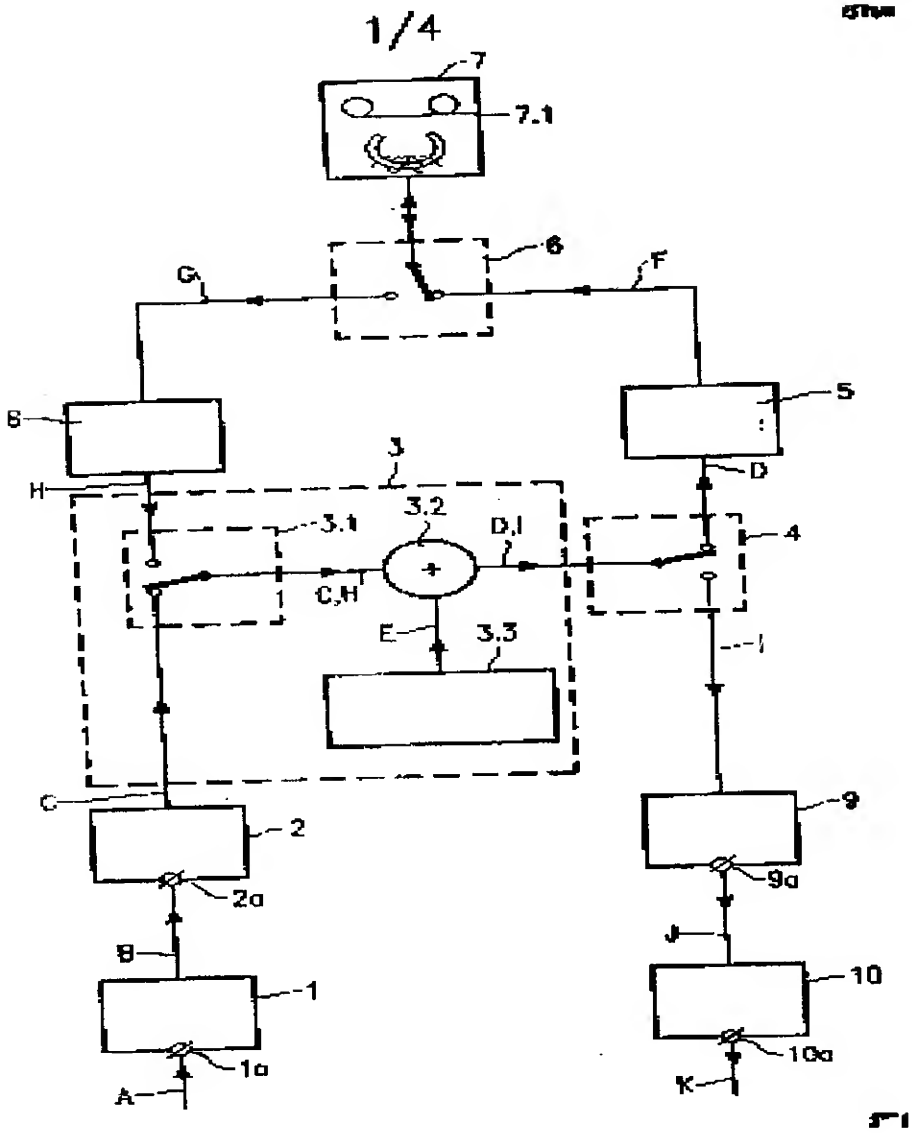
Inventor : 1. MARINUS ADRIANUS HENRICUS LOOYKENS.
2. ALBERT MARIA ARNOLD RIJCKAERT.

Application no. 547/CAL/97 FILED ON 27.3.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

12 CLAIMS.



A coding device capable of performing channel-encoding upon a digital recording signal in order to obtain a channel signal and af performing channel-decoding upon receiving a channel signal in order to obtain a digital reproduction signal, for use in a magnetic-tape recording/reproducing arrangement of the "helical scan" type, comprising :

- means (3.1) for selecting one of a plurality of input signals;
- a data sequence generator (3.3) for generating a data sequence defined by the polynomial $P(X) = X^{15} + X^{A} + 1$, where A = 7 or 8; and
- means (3.2) for combining the selected input signal with the generated sequence, said means (3.1), data sequence generator (3.3) and means (3.2) being arranged to function in an interconnected manner, such as herein described.

Complete Specifications : 18 pages. *Drawings: 4 sheets*

Ind.Cl : 126 A **191620**

Int.Cl[4] : H 05 K – 13/08

Title : A TEST DEVICE FOR TESTING A PLURALITY OF DSP ICS UNDER THE FINISHED PRODUCT STATE IN A DIGITAL VIDEO APPARATUS.

Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.

Inventor : 1. BYOUNG-JIN KIM

Application no. 635/CAL/97 FILED ON 11.4.1997

(CONVENTION NO. 51157/1996 FILED ON 31.10.1996 IN KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

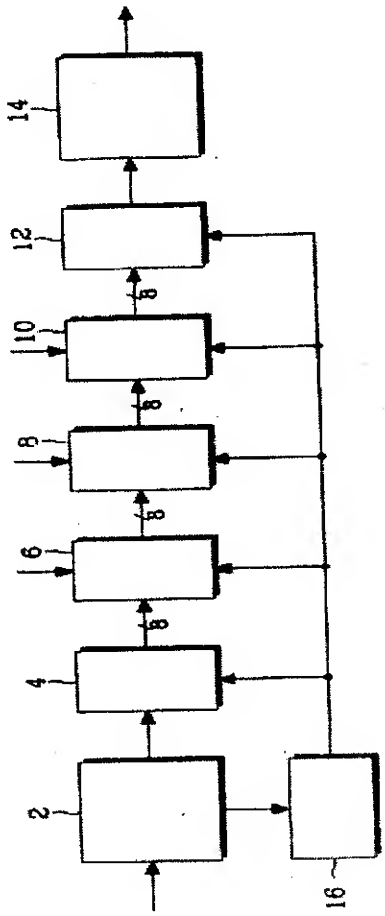
PATENT OFFICE KOLKATA.

5 CLAIMS.

A test device for testing a plurality of digital signal processor integrated circuits under the finished product state in a digital video apparatus comprising:

A plurality of digital signal processor integrated circuits (DSP ICs) for processing a signal from a test signal generator generating a test signal by a digital signal and outputting the digital processed signal when controlling a test, the test signal generator being disposed at a front end within the plurality of DSP ICs;

A monitor for monitoring an output from the DSP ICs being tested.



Complete Specifications : 15 pages. ***Drawings: 4 sheets***

Indian Classification	:	55 D_1	**191621**
International Classification[4]	:	A 61 K 35/78	
Title	:	**"A PROCESS FOR THE PREPARATION OF AN EXTRACT FROM ZATHOXYLUM ALATUM (FAMILY RUTACEAE) HAVING TERMITE RESISTANCE PROPERTIES THEREBY".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**YUDHVIR SINGH** **BIRENDRA SINGH RAWAT** **SANJAY SINGH NAYAL-ALL INDIAN.**	

Application for Patent Number 30/DEL/2000 filed on 18/01/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A process for the preparation of a termite resistance composition from Zanthoxylum alatum (Family: Rutaceae) which comprises: (i) extracting plant parts such as leaves, bark, seeds with polar and non-polar solvents by known methods, evaporating the solvent to get extract of leaves, bark, seed or mixtures thereof, (ii) mixing the said extract or mixtures obtained in step (i) ranging from 1.25 to 15% (W/W) and solvent 98.75 to 85 % to get the said composition.

(Complete Specification Pages 15 Drawing NIL Sheet)

Indian Classification	:	$55E_4$	**191622**
International Classification[4]	:	A 61 K 31/35; C 07 D 311/62.	
Title	:	**"A PROCESS FOR THE PRODUCTION OF BIOLOGICALLY ACTIVE PHENOLIC COMPOUND (+) CATECHIN FROM TAXUS WALLICHIANA TISSUE CULTURES".**	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SUNIL KUMAR CHATTOPADHYAY SUCHITRA BENERJEE SHIPRA AGARWAL MANISH KULSHRESTHA RAM PRAKASH SHARMA VIJAY KUMAR MEHTA SUSHIL KUMAR-ALL INDIAN.**	

Application for Patent Number 215/DEL/2000 filed on 09/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A process for production of biologically active phenolic compound (+) Catechin from Taxus Wallichiana tissue cultures which comprises

(a) inoculation of Taxus Wallichiana explants on a culture medium supplemented with combinations of auxins (1-5mg/ml) and cytokines (0.1 – 1.0mg/l)

(b) incubation of tissue culture under continuous light or dark conditions for 4-6 weeks for callus initiation followed by subculturing at 4-6 weeks interval

(c) extraction of fresh pulverized calli (1 minth-36 months old) with polar solvents at room temperature

(d) evaporating the solvent to give residue; and

treatment of the above said residue with the chlorinated solvent and isolating (+) Catechin by conventional filteration.

(Complete Specification Pages 12 Drawing NIL Sheet)

Indian Classification	:	83 A **191623**
International Classification[7]	:	C23L 1/60, C12C 1/027
Title	:	"A PROCESS FOR PREPARATION OF QUICK COOKING GERMINATED DEHYDRATED PULSES."
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).
Inventors	:	RAMAKRISHNAIAH NINGAIAH - INDIAN SASIKALA VADAKKOOT BALAKRISHNAN – INDIAN VISHWAS MANOHARRAO PRATAPE – INDIAN NARASIMHA HAMPAPURA VENKATARAMA IYENGAR- INDIAN

Application for Patent Number 252/Del/2000 filed on 16th March 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A process for the preparation of quick cooking germinated dehydrated pulses which comprises soaking, cleaned pulses in sodium bicarbonate solution not exceeding 2% (w/v) concentration for atleast 4 hours followed by re-soaking in sodium citrate solution of strength not exceeding 1% (w/v) for at least 45 minutes and germinating in a known manner to get a sprout length of 7 $\pm$ 2 mm then steaming under pressure of 0.5 to 1.5 kg/cm2 till it is semi cooked and drying in known manner to get dehydrated germinated quick cooking pulses.

(Complete Specification 17 Pages Drawings Nil Sheet)

191624

Indian Classification	:	$55E_4$
International Classification[4]	:	C0 7D-301/12; 301/19.
Title	:	**"A PROCESS FOR THE MANUFACTURE OF EPOXIDES OF OLEFINIC COMPOUNDS".**
Applicant	:	**COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**SUBHASH CHANDRA LAHA** **RAJIV KUMAR-BOTH INDIAN.**

Application for Patent Number 273/DEL/2000 filed on 16/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the manufacture of epoxides of olefnic compounds which comprises oxidizing an olefinic compound using urea-hydrogen peroxide mixture in a mole ratio in the range of 1:2 to 20:1 in an organic solvent such as herein described alongwith a solid titanium silicate catalyst such as herein described in a ratio of 1:20 at a reaction temperature ranging between 303-353 K for a period of at least 0.5 hrs, separating the solid catalyst from the reaction mixture by known methods and purifying the epoxides by using conventional method.

(Complete Specification Pages 12 Drawing NIL Sheet)

Indian Classification	:	32C	**191625**
International Classification[4]	:	A 61 K 35/78	
Title	:	**"AN IMPROVED PROCESS FOR THE EXTRACTION OF LUPEOL, AN ANTIUROLITHIC COMPOUND FROM CRATEVA NURVALA".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SANTOSH KUMAR AGARWAL** **SUSHIL KUMAR-BOTH INDIAN.**	

Application for Patent Number 326/DEL/2000 filed on 28/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the extraction of lupeol, an antiurolithic compound from Crateva nurvala which comprises:

a) soaking the shade dried powdered, Crateva nurvala bark in non-polar organic solvent as herein described at temperature range of 25-30^{0}C,

b) repeating step a) 3 times,

c) combining the extracts of step a), filtering and removing solvent under reduced pressure (30-50 mm of Hg) to obtain extract,

d) subjecting the extract obtained in step c) for continuous liquid-liquid extraction using immiscible solvents selected form methanol-water, ethanol-water in the ratio of 8:2, acetonitrile or their mixtures thereof, filtering, optionally partitioning the filtrate with petroleum ether (60 - 80^0 C),

e) separating the non-polar solvent layer from step d), evaporating the solvent to dryness to obtain residue containing lupeol,

f) crystallizing the residue obtained in step e) with organic solvents as herein described at 5 to 15^0 C to obtain the said lupeol.

(Complete Specification Pages 09 Drawing 01 Sheet)

191626

Indian Classification	:	54
International Classification[4]	:	A 61 K 35/78
Title	:	**"AN IMPROVED PROCESS FOR THE ISOLATION OF THE COMPOUND SCOPOLETIN USEFUL AS NITRIC OXIDE SYNTHESIS INHIBITOR FROM ARTEMISIA ANNUA".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH,** Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**DHARAM CHAND JAIN** **NEERJA PANT** **MADAN MOHAN GUPTA** **RAJENDRA SINGH BHAKUNI** **RAM KISHOR VERMA** **SUDEEP TANDON** **SHIV KUMAR GUPTA** **AMIT TIWARI** **ATUL PRAKASH KAHOL** **SUSHIL KUMAR-ALL INDIAN**

Application for Patent Number 370/DEL/2000 filed on 31/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(06 Claims)

An improved process for the isolation of the compound scopoletin useful as nitric oxide synthesis inhibitor from Artemisia annua and plant species of other plant families as described herein, said process comprises:

a) extracting dried, powered parts of Artmisia annua and other plants such as herein described, with an aqueous acetonitrile solvent at a ratio in the range of 9:1 t 1:9 for 6 to 8 hours,
b) concentrating the extracted solvent of step a by 30% volume of its original extract, under vacuum
c) partitioning the concentrated extract of step (b) with halogenated solvent to transfer scopoletin in the non-polar halogenated solvent as described herein,
d) drying the halogenated solvent of step (c) over anhydrous sodium sulphate and evaporating the solvent to get a residue,
e) crystallizing the obtained residue of step (d) in methanol and filtering the crystals to obtain a filtrate,
f) concentrating the filtrate of step (e)
g) subjecting the concentrated filtrate of step (f) to silica gel chromatography,
h) eluting scopoletin from the concentrated filtrate of step (g) in chloroform/methanol mixture (2% methanol in choloroform),
i) crystallizing the fractions containing scopoletin to obtain a purified said scopoletin compound.

(Complete Specification Pages 13 Drawing NIL Sheet)

Indian Classification	:	55 D_1	**191627**
International Classification[4]	:	A 61 K 35/78; A 01 N 65/00	
Title	:	**"A PROCESS FOR PREPARATION OF A HERBAL FORMULATION USEFUL FOR CONTROLLING SUCKING INSECT PESTS".**	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**ARUN KUMAR TRIPATHI** **DHARAM CHAND JAIN** **VEENA PRAJAPATI** **NEETU VERMA** **SUMAN PREET SINGH KHANUJA** **SUSHIL KUMAR-ALL INDIAN.**	

Application for Patent Number 381/DEL/2000 filed on 31/03/2000.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for preparation of a herbal formulation useful for controlling sucking insect pests which comprises, mixing ethylacetate extract of Ailanthus sp. And extract of medicinal plants of the kind as herein described, filtering and concentrating the above mixture by conventional manner, dissolving the concentrate in vegetable oil, mixing the resultant in water to get the final formulation comprising

Extract of Ailanthus sp.	0.6-15.5wt%
Extract of medicinal plant	0.6-21.7 wt%
Vegetable oil	3.75-18.8 wt
Water	60-62 wt%

(Complete Specification Pages 20 Drawing NIL Sheet)

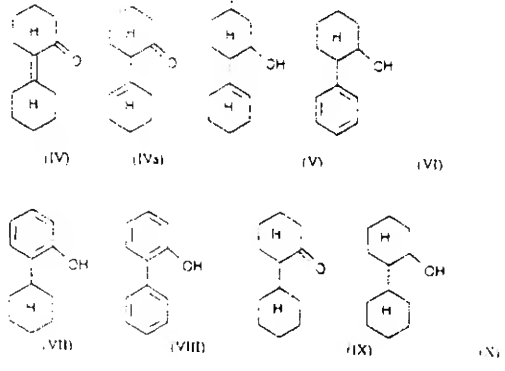
Indian Classification	:	$32F_2(b)$, $55D_2$.	**191628**
International Classification[4]	:	C07D 209/86.	
Title	:	**"A PROCESS FOR THE PREPARATION OF CARBOZOL BY AMINATING DEHYDROGENATION".**	
Applicant	:	**BAYER AKTIENGESELLSCHAFT,** a body corporate organized under the laws of Germany, of D-51368 Leverkusen, Germany.	
Inventors	:	**HANS-JOSEF BUYSCH-GERMAN** **REINHARD LANGER-GERMAN** **ULRICH NOTHEIS-GERMAN** **ALEXANDER KLAUSENER-GERMAN.**	

Application for Patent Number 474/DEL/2000 filed on 28/04/2000.
Divided out of patent application no. 2209/DEL/97 filed on 08/08/1997
Convention date:-19633609.0; 21/08/1996; GERMANY.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A process for the preparation of carbozole by aminating dehydrogenation of a compound selected from a group consisting of o-cyclohexanone (IV) its tautomer (IVa), o-cyclohexenyl-cyclohexanol (V), o-phenyl-cyclohexanol (VI), o-cyclohexylphenol (VII), o-phenyl-phenol (VIII), o,cyclohexyl-cyclohexanone (IX), and o-cyclohexyl-cyclohexanol



said process comprising aminating dehydrogenating said compound at elevated temperature and pressure such as herein described over a noble metal catalyst such as herein described at 300 to 600^0 C in the presence of from 0.01 to 300 mol of hydrogen.

Complete Specification 12 Pages Drawing Sheets)

Indian Classification 7	:	32	**191629**
International Classification	:	C12 N 9/50	
Title	:	"A PROCESS FOR THE PREPARATION OF THE PROTEOLYTIC ENZYMES FROM THE PLANT SOURCES"	
Applicant	:	ASHOK KUMAR .PRITI KUMAR OF15, prayag Sarover,Ramghat road Aligarh-202 001.U.P. ALL INDIANS.	
Inventors	:	ASHOK KUMAR, PRITI KUMAR – Both are Indian.	
	:		

Application for Patent Number 579/DEL/2000 filed on 9.6.2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

A process for the preparation of proteolytic enzymes from the plant sources like Bael, Cheeku, Adrak and Karela comprising collecting the fruit pulp by removing the skin/outer shell and seeds from the fruits/vegetables subjecting the pulp so collected to the step of homogenization in a mixer till a uniform paste is formed, recovering the fruit juice from the said paste and subjecting the same to the step of immediate chilling, centrifuging the fruit juice/extract at around 10000 r.p.m. for 10-20 minutes in a refrigerated centrifuge, collecting the supernatant obtained after the centrifugation and subjecting the same to the step of lyophllization to obtain proteolytic enzymes in the form of a powder.

(Complete Specification Pages – 9 Drawing sheets – NIL)

191630

Indian Classification	:	$55E_4$
International Classification[4]	:	A 61 K-31/00.
Title	:	**"PROCESS FOR THE PREPARATION OF ACYCLOVIR INFUSION FORMULATION".**
Applicant	:	**RANBAXY LABORATORES LIMITED,** a company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi-110 019, **INDIA.**
Inventors	:	**SUMIT MADAN** **ARVIND BANSAL** **VINOD KUMAR ARORA-ALL INDIAN.**

Application for Patent Number 982/DEL/2000 filed on 03/11/2000
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of a stable, preservative free, ready to use, isotonic infusion formulation of acyclovir comprising:

a) mixing a chelating agent ranging form 0.005 to 0.1% w/w selected from the group consisting of sodium edetate, trisodium edetate and citric acid monohydrate, an isotonifier selected from the group consisting of sodium chloride and glycerol, and acyclovir in the range of 0.1 t 10% w/v with water for injection, to obtain a solution, said solution having a pH in the range of 10-13 maintained by the addition of alkali selected from the group consisting of sodium hydroxide, potassium hydroxide, tribasic sodium phosphate and L-Arginine, with the proviso that said process is carried out with or without the presence of nitrogen.

b) Filling said solution into glass bottles and sterilizing by autoclaving as described herein to obtain said acyclovir infusion formulation.

(Complete Specification Pages 07 Drawing NIL Sheet)

Indian Classification	:	32 F. **191631**
International Classification[4]	:	C07D-211/06; 546/192.
Title	:	**"A PROCESS FOR THE RECOVERY OF METHYL ESTER OF BUTYLATED HYDROXY PHENYL PROPIONIC".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.** Rafi Marg, New Delhi-100 001. India. an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**AJAY KUMAR BHATNAGAR GIRISH CHANDRA JOSHI SURESH CHAND JOSHI PREM KISHORE SHARMA ASHOK KUMAR GUPTA HARI BHAGWAN GOYAL KRISHAN GOPAL SHARMA CHELKARA LAKSHMAN IYER SUBRAMANIAN- ALL INDIAN.**

Application for Patent Number 1226/DEL/1994 filed on 29/09/1994.
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch. New Delhi – 110 008.

(07 Claims)

A process for the recovery of methyl ester of butylated hydroxy phenyl propionic acid which comprises reacting waste streams of phenolic antioxidants containing the methyl ester of propionic acid, intermediate products mainly partially esterified pentaerythrityl, pentaerythrityl tetra kis propionate with 10-200% of alcohol in an inert atmosphere in the presence of 0.5 –20 mol% of a metal alkoxide at a temperature ranging from 60 to 200^0 C at a pressure from 1 to 50 atmosphere with constant stirring for a period of 1 to 24 hours removing the excess alcohol by distillation, treating the product in an organic solvent selected from petroleum ether and benzene neutralizing the reaction mass with acetic acid washing by conventional methods such as herein described and separating the alkyl ester of butylated (hydroxy phenyl) propionic acid by fractional distillation under reduced pressure at 5 mm Hg and if desired further purification by crystallization to obtain methyl ester of butylated hydroxy phenykl propionic acid:

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification	:	164 A; 201D **191632**
International Classification[4]	:	C 02 F 3/34
Title	:	**"A METHOD OF TREATMENT OF ALKALINE WASTE WATER".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**RITA KUMAR** **ANIL KUMAR** **ALKA SHARMA** **SHARAD VISHWANATH GANGAL** **SANTOSH DAYARAM MAKHINANI –** **ALL INDIAN.**

Application for Patent Number 1518/DEL/1994 filed on 24/11/1994
Complete left after Provisional specification filed on 25/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A method of treatment of alkaline waste waters, the said method comprising steps of adding 10% solution of a novel composition of alkalophilic bacteria comprising two strains of Bacillus alkalophilus having characteristic such as herein described and mixed in equal proportion, to alkaline waste waters/effluents, adding starch/carbohydrates to said alkaline waste water, incubating for 2-7 days to get desired neutral waste water.

(Provisional specification 04 Pages Drawing **NIL** Sheet)
(Complete Specification 22 Pages Drawing **NIL** Sheet)

Indian Classification	:	206E	**191633**
International Classification	:	G06F –15/00	
Title	:	"AN IMPROVED DATA PROCESSING APPARATUS"	
Applicant	:	ARM LIMITED, (formerly known as ADVANCED RISC MACHINES LIMITED), of 110 fulbourn road, cherry Hinton, Cambridge CB1 9NJ, England.	
Inventors	:	STEPHEN BYRAM FURBER, WILLIAM HENRY OLDFIELD – Both are British citizens.	

Application for Patent Number 10/DEL/95 filed on 6.1.95

Convention date 9400381.1/11.01.94/UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

(9 Claims)

1. An improved data processing apparatus, said apparatus comprising:
a data memory means (40);
a processor means (36), responsive to insruction-data words read from instruction addresses in said data memory means (40) , to read read-data words from read addresses in said data memory means (40) and to write-data words to write addresses in said data memory means(40);
a unidirectional read bus means (42) between said data memory means (40) and said processor means (36) for transferring instruction – data words and read data words from said data memory means (40) to said processor means (36); and
a unidirectional write and address bus means (44) between said processor means (36) and said data memory means (40) for transferring write –data words, instruction-address words, read – address words and write-address words from said processor means (36) to said data memory means(40).

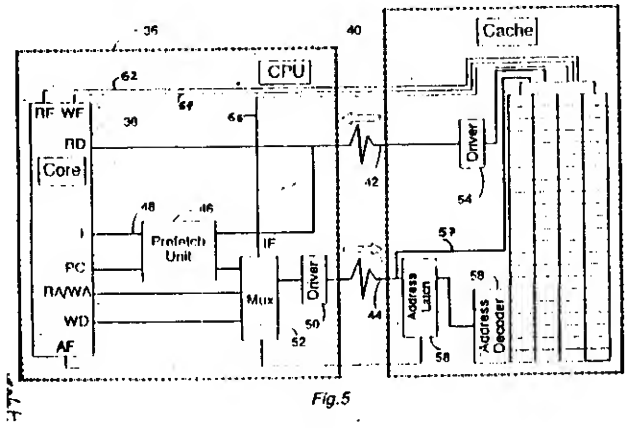


Fig.5

(Complete Specification Pages – 14 Drawing sheets – 8)

Indian Classification :- 206 E

191634

International Classification[4] :- H 01L 37/00

Title :- "A PROCESS OF FABRICATING SEMICONDUCTOR DEVICES"

Applicant :- AMOCO/ENRON SOLAR, of 630 Solarex Court, Frederick, Maryland 21702, United States of America, whose partners are AMOCO SOLAR HOLDING COMPANY, of 630 Solarex Court, Frederick, Maryland 21701, U.S.A. and ENRON SOLAR ENERGY INC., of 1400 Smith Street, 4th Floor, Houston, Texas 77002, U.S.A.

Inventors :- YAUN-MIN LI -CHINESE
MURRAY STEPHEN BENNETT - CANADIAN
LIYOU YANG - CHINESE

Application for Patent Number 541/del/1995 filed on 24/03/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 8)

A process of fabricating semiconductor devices useful in solar cells wherein a layer of amorphous silicon is supported on a substrate, by plasma enhanced chemical vapour deposition of said amorphous silicon layer under the following conditions:

a pressure ranging from 0.2 to 50 Torr;

a plasma discharge power density ranging from 20 to 150 mW/cm ^{2};

a substrate temperature ranging from 20°C to 250°C;

a feedstock gas highly diluted with a diluent gas selected from the group consisting of hydrogen, deuterium and combinations thereof;

said feedstock gas comprising at least one member of the group consisting of: silane, disilane, tetramethyl silane, SiF_4, $SiHF_3$, $Si_2H_2Cl_4$, and other gases having the general formula $Si_NH_{2N+2-M}Y_M$ wherein:

Si = silicon

H = hydrogen or deuterium

Y = a halogen

N = positive integer ≥ 1

M = positive integer; and $2N+2-M \geq O$, and wherein the dilution ratio of said diluent gas to said feedstock gas ranges from 20:1 to 400:1.

Complete Specification No of Pages 58 Drawings Sheets 20

Indian Classification :- 11 D **191635**

International Classification[7] :- A 01 M 1/06. A 01 M 5/08.

Title :- "A MECHANICAL MOSQUITO SAMPLER "

Applicant :- DIRECTOR GENERAL, an Indian National of Indian Council of Medical Research, Ansari Nagar Post Box-4508, New Delhi – 110 029 - INDIA.

Inventors :- BRIJ KISHORE TYAGI - INDIA

Application for Patent Number 1049/del/1995 filed on 08/06/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules 2003) Patent Office , New Delhi Branch - 110 008.

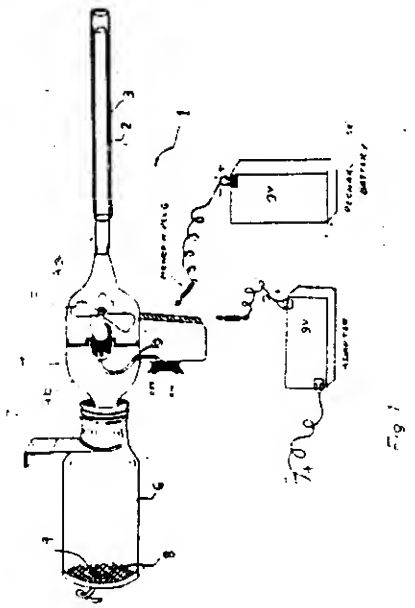
(Claims 03)

A mechanical mosquito sampler comprising:

i. a central body (4) having an anterior barrel (4a)and posterior barrel (4b) affixed to each other in opposite directions.
ii. retractible plastic tubings (2.3) held to the anterior side (4a) of said central body (4);
iii. a collection chamber (6) held to the posterior side (4b) of said central body (4) and provided with a shutter (7) at neck and netting (8) at base;
iv. a blower or fan (5) disposed within said central body (4) and adapted to be connected to a power source.

Complete Specification No of Pages 09

Drawings Sheets 01



Indian Classification	:	32C	**191636**
International Classification[4]	:	A 61K 009/32; A61K-009/34; A 61K 009/36.	
Title	:	**"A DRY MOISTURE BARRIER FILM COATING COMPOSITION AND METHOD OF COATING THE SUBSTRATES".**	
Applicant	:	**BERWIND PHARMACEUTICAL SERVICES, INC.**; a corporation organized under the laws of the State of Pennsylvania, United States of America, of Moyer Boulevard, West Point, Pennsylvania, 19486, United States of America.	
Inventors	:	**MARTIN PHILIP JORDAN-BRITISH.**	

Application for Patent Number 1290/DEL/95 filed on 11/07/1995
Convention date: 12/07/1994; 9414045.6; UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(23 Claims)

A dry moisture barrier film coating composition for forming a moisture barrier film coating for pharmaceutical tablets comprising:

Polyvinyl alcohol in a range of 20.0% to 99.8% by weight of the coating composition, and

soya lecithin in a range of 0.2% to 10.0% by weight of the coating composition, and

optionally comprising one or more of

flow aid of the kind such as herein described in a range of 0.0% t 40.0% by weight of the coating composition,

by weight of the coating composition,

colorant of the kind such as herein described in a range of 0.0% to 60.0% by weight of the coating composition,

viscosity modifier of the kind such as herein described in a range of 0.0% to 2.0% by weight of the coating composition.

(Complete Specification Pages 26 Drawing NIL Sheets)

indian Classification	:	$55E_4$	**191637**
International Classification[4]	:	A 61 K 31/00.	
Title	:	**"AN IMPROVED PROCESS FOR THE PRODUCTION 'TIMUR' OIL CONTAINING LINALOOL AS THE MAJOR CONSTITUENT".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**JADAB CHANDRA SARMA** **NABIN CHANDRA BARUAH** **AJIT KUMAR HAZARIKA** **ANIL CHANDRA GHOSH-ALL INDIAN.**	

Application for Patent Number 1352/DEL/1995 filed on 20/07/1995
Complete left after Provisional specification filed on 18/10/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

An improved process for the production 'TIMUR' oil containing linalool as the major constituent which comprises,

a) soaking parts of the plant zanthoxylum alatum selected from fruit, leaves or bark mixture, preferably raw and fresh fruit in water,
b) heating the soaked solution to a temperature in the range of 90-100^0 C,
c) distilling the heated solution by known methods as herein described for a period of t 6 hrs,
d) passing the oil distilling out through the condenser cooled by passing chilled water or low temperature liquid like methanol at a temperature of –10^0 C.,
e) separating the extracted oil by conventional methods as herein described and dried over anhydrous sodium sulfate to get the product.

(Provisional specification 07 Pages Drawing **NIL** Sheet)
(Complete Specification 10 Pages Drawing **NIL** Sheet)

Indian Classification :- 188

191638

International Classification - C 23 C 2/00, C 23 C 2/36 C 23 C 2/40.

Title - " A Hot Dip Coating Pot "

Applicant - BHP STEEL (JLA) PTY. Ltd. of 600 Bourke Street, Melbourne, Victoria 3000, -AUSTRALIA.

Inventors - BRUCE ROBERT MORRISON –AUSTRALIA
RAYMOND CHARLES OSTERBERG - AUSTRALIA
RICHARD PAYLING -AUSTRALIA
CHRIS BAHARIS - AUSTRALIA
JAMES ARTHUR O' NEILL -BRITISH
DAMIEN JINKS - AUSTRALIA
PETER JAMES ELLIS - NEWZEALAND

Application for Patent Number 1383/del/1995 filed on 24/07/1995

Convention Application No. PM 7133, PN 2569/AU/28.07.1994, 24.04.1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008

(Claims 19)

A hot dip coating pot having a strip inlet passage and electro-magnetic plugging means to prevent leakage of bath liquid from the pot through that passage, wherein: the plugging means comprise two magnetic field generators disposed one on each side of the passage; each generator projects an oscillating magnetic field into the passage from at least two poles of opposite polarity that are adjacent the passage and spaced apart in the through direction of the passage; the said at least two poles of each generator are respectively in substantial alignment with the corresponding poles of the other in the transverse direction of the passage; the magnetic fields projected by the generators have flux patterns which are substantially mirror images with reference to a plane of reflection coinciding with a centre plane of the passage; and both generators operate at a frequency of more than three kilo Hertz.

Complete Specification No of Pages 27

Drawings Sheets 07

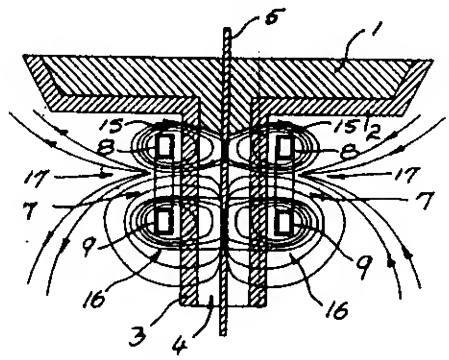


FIG. 2

Indian Classification	:-	168 H, 206 G, 206 E. **191639**
International Classification[7]	:-	G 08 B 5/22, H 04 Q 1/00, H 04 Q 7/18
Title	-	" Apparatus for Directory-Linked Canned Messages"
Applicant	:-	Motorola, Inc., of 1303 East Algonquin Road, Schaumburg, Illinois, 60196, U.S A
Inventors	:-	AHMAD HELMI ABDUL-HALIM - MALAYSIA.

Application for Patent Number 1564/del/1995 filed on 22/08/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 03)

Apparatus for directory-linked canned messages, the apparatus comprising:

a radio frequency paging signal receiver;

a memory having a personal name directory comprising a plurality of entries, each entry comprising at least one telephone number and at least one canned message associated with the at least one telephone number;

a paging message extracting controller coupled to the radio frequency paging signal receiver and the memory, the paging message extraction controller for extracting a paging message from a radio frequency paging signal received by the radio frequency paging signal receiver, the paging message having a telephone number of a party that sent the paging message and for searching the personal name directory to determine a match between the telephone number in the received paging message and a telephone number in any of the entries of the personal name directory ; and

a message display coupled to the paging message extraction controller, the message display for displaying a canned message of the personal name directory entry corresponding to the telephone number in the received paging message, wherein the message display also displays a message prompting a user to create an entry for the telephone number received in the paging message if the telephone number received in the paging message does not match a telephone number in the personal name directory

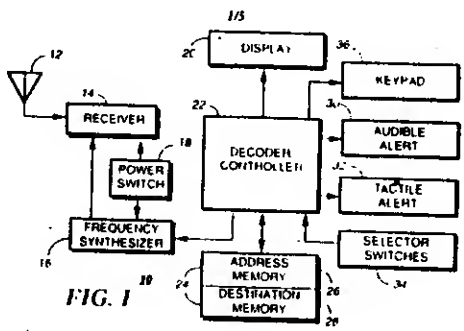


FIG. 1

Complete Specification No of Pages- 10

Drawings Sheets 05

Indian Classification :- 168 C, 168 D **191640**

International Classification :- G 08 G 1/095

Title :- "A DISPLAY APPARATUS FOR A TRAFFIC SIGNAL

Applicant :- TOKYO SEIMITSU CO. LTD., of 7-1, Shimorenjaku 9-chome, Mitaka-shi,Tokyo, Japan, and OHI Co. LTD., of 14-12, Seijyo 5- chome, Setagaya-ku Tokyo, JAPAN. (formerly at 6-4, Nakae 2-chome, Aoba_ku, Sendai, Miyagi JAPAN).

Inventors TOMOHIRO SANADA - JAPAN
TERUMASA IBA - JAPAN

Application for Patent Number 1845/del/1995 filed on 09/10/1995

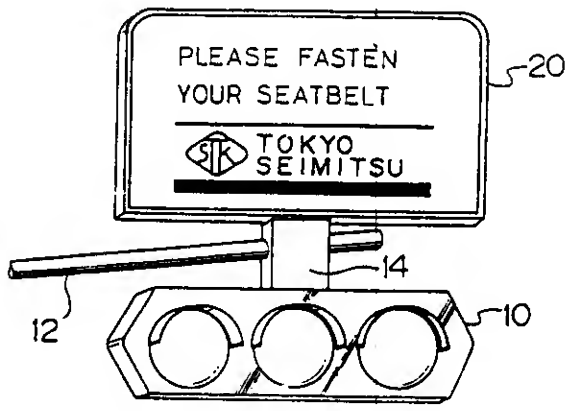
Convention application no. 7-234257/JP/12.09 1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 10)

A display apparatus for a traffic signal, comprising: display means provided at an easy-to-observe position simultaneously with the traffic signal, for displaying information including traffic information, traffic slogans, advertisement and the like, and capable of displaying information on a display screen and /or luminescent colors of the backgrounds of said information as changed over to the same colors as respective colors of said traffic signal; detecting means provided on respective color lamps of said traffic signal, for detecting the states of the respective lamps which are turned on or turned off without changing an electric circuit of said traffic signal; and control means for controlling the luminescent colors in said display means to be changed over to the same colors as those of said traffic signal in response to an output detected by said detecting means.

FIG. 1



(Complete Specification No of Pages 21

Drawings Sheets 11)

OPPOSITION PROCEEDING (Sec. 25)

The Patent Application No. 174429 (100/BOM/1992) titled "A SINGLE STEP PROCESS FOR THE CONTINUOUS PREPARATION OF A GRANULAR DETERGENT COMPOSITION OR COMPONENT", made by M/s. Hindustan Lever Limited, Mumbai is refused under Section 25 of the Act.

An opposition has been entered by Piaggio & C.S.P.A., Italia to the grant of a Patent on Application No. 189808 (581/BOM/1997) made by M/s. Bajaj Auto Limited, Akurdi, Pune-411 035.

CANCELLATION PROCEEDINGS UNDER SECTION 19 (1)

"An application in the name of M/s. Officine Lovato S.p.A., for Cancellation of Registered Design Nos. 181094, 181097, 181098 was filed on 22.01.03 & 9.10.02 in class 01 in the name of Mr. Pravinbhai Jagjivandas Mehta."

"An application in the name of Mr. Premjibhai Nagjibhai Patel, for Cancellation of Registered Design No. 190904 was filed on 16.10.03 in class 23-01 in the name of Sh. Gopal Singh, M/s. Shiva Pipes."

"An application in the name of Mr. Rahulbhai Ramnikbhai Shah, for Cancellation of Registered Design Nos. 191555, 191559 & 191560 was filed on 14.10.03 in class 03 in the name of M/s. Avi Sales Pvt. Ltd."

PATENT SEALED ON 07-11-2003

189362 189363 189364 189366 189367 189368 189369 189370 189371 189391 189392 189393 189394 189395 189396 189397 189398 189399 189400

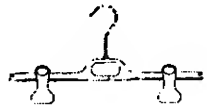
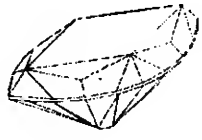
DEL—02; KOL—18; CHEN—NIL; MUM—NIL.

REGISTRATION OF DESIGNS

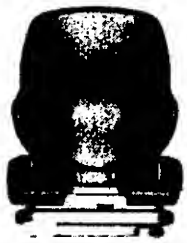
The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

The dates shown in the following each entry is the date of registration.

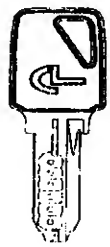
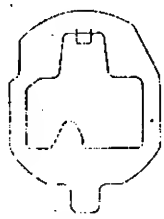
Class	12-11	No. 191182 KHANNA PRODUCTS (INDIA), 177-CYCLE SHOPPING CENTRE, GILL ROAD, MILLER GANJ, LUDHIANA: -141 003, PUNJAB, INDIA, "PEDAL FOR BICYCLE" 31 January 2003	
Class	13-03	No. 191445 VUTHA MOHAN, (INDIAN NATIONAL) OF NO.56, SHANTI INDUSTRIAL ESTATE, SAROJINI NAIDU ROAD, MULUND (W), MUMBAI: -400 080, MAHARASHTRA, INDIA. "JUNCTION BOX (ELECTRICITY)" . 6th March 2003	
Class	09-06	No.191002. CHINTAN PRAMOD SALOT, 206/C, ADARSH APT., MARVE ROAD, MALAD(W), MUMBAI:-400 064, MAHARASHTRA,(INDIA), INDIAN NATIONAL. "COMPUTER BINDER" 14th January 2003	
Class	09-01	No.192190. M/S. BEVERLY BEVERAGES, C-57, FOCAL POINT, PATIALA, (PUNJAB), (INDIA), AN INDIAN PARTNERSHIP FIRM. "BOTTLE" 26th May 2003	

Class	06-08	No.190993. MAINETTI (UK) LIMITED, A COMPANY INCORPORATED IN SCOTLAND, OF ANNFIELD ESTATE, OXNAM ROAD, JEDBURGH, ROXBURGHSHIRE, SCOT- LAND TD8 6NN, UK. "GARMENT HANGER" 13th July 2002 (Reciprocity, U.K.)	
Class	12-16	No.190342. MAHINDRA & MAHINDRA LIMITED, AN INDIAN COMPANY, GATEWAY BUILDING, APOLLO BUNDER, MUMBAI: -400 001, MAHARASHTRA, INDIA. "CLUSTER" 5th November 2002.	
Class	11-01	No.191863. MY DIAMOND PLACE LTD., A BAHAMAS CORPORATION, C/O. VALDY ADMINISTRATION INC., BRITISH COLONIAL, CENTRE OF COMMERCE, 3RD FLOOR, ONE BAY STREET, P.O.BOX NO.7115, NASSAU, BAHAMAS. "DIAMOND" 11th April 2003	
Class	19-06	No.191378. RAJSON PEN & PLASTIC INDUSTRIES, 83 AB,GOVT. INDUSTRIAL ESTATE,KANDIVLI (W), MUMBAI:-400 067, MAHARASHTRA, (INDIA), AN INDIAN PARTNERSHIP FIRM, "BALL POINT PEN" 26th February 2003	
Class	02-04	No.191431. SHAKTI ENTERPRISES, AN INDIAN PROPRIETORY FIRM IS H-34, UDYOG NAGAR, DELHI:-11041(INDIA)."SOLE FOR FOOTWEAR" 5th March 2003.	

Class	09-01	No.190675. M/S. ELDORADO, A DIVISION OF M/S. GINSENG HERBALS LTD., 18, PUSA ROAD, NEW DELHI:-110005, INDIA, AN INDIAN COMPANY, "BOTTLE" 9th December 2002	
Class	12-16	No.190343. . MAHINDRA & MAHINDRA LIMITED, AN INDIAN COMPANY, GATEWAY BUILDING, APOLLO BUNDER, MUMBAI: -400 001, MAHARASHTRA, INDIA. "CLUSTER" 5th November 2002.	
Class	09-01	No.190827. M/S. McDOWELL & COMPANY LIMITED, 'LE PARC RICHMONDE", 51, RICHMOND ROAD, BANGALORE: -560 025, KARNATAKA·INDIA. "BOTTLE" 26th December 2002	
Class	11-01	No.191835. B.A. BALLOU & COMPANY INC., 800 WATERMAN AVENUE, EAST PROVID-ENCE, RI 02914, U.S., A US CORPORATION. "CLASP FOR EARRING" 24th October 2002 (Reciprocity, U.S.A.)	
Class	23-04	No.189919. RECKITT BENCKISER (UK) LIMITED, A BRITISH COMPANY, OF 103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM. "AIR FRESHNER DEVICE" 13th March 2002 (Reciprocity, U.K.)	

Class	02-04	No.191430. SHAKTI ENTERPRISES, AN INDIAN PROPRIETORY FIRM IS H-34, UDYOG NAGAR, DELHI:-11041(INDIA)."SOLE FOR FOOTWEAR" 5th March 2003.	
Class	07-02	No.192479. JALANI ENTERPRISES, C-34, M.I.A., 1ST PHASE, BASNI, JODHPUR-3420(RAJASTHAN), INDIA, AN INDIAN PROPRIETORSHIP CONCERN. "CONTAINER" 30th June 2003	
Class	31-00	No.191095. ADITYA INDUSTRIES, AN INDIAN PARTNERSHIP FIRM AND ADDRESS AT: A-3, TEJPAL INDL. ESTATE, BUILDING NO.2, A. K. ROAD, SAKINAKA, MUMBAI:-400 072, MAHARASHTRA, INDIA, "MIXER CUM GRINDER" 28th January 2003.	
Class	07-02	No.192188. ASIAN PLASTOWARES PVT. LTD., OFFICE AT PLOT D-7/1, ROAD NO.16, MIDC, ANDHERI (EAST), MUMBAI:-400 093, MAHARASHTRA, INDIA, INDIAN. "CASSEROLE" 26th May 2003	
Class	06-01	No.192109. GRAMMER AG, OF WERNHER-VON-BRAUN-STR.6, D-92224 AMBERG, GERMANY, A GERMAN COMPANY. "VEHICLE SEAT" (Reciprocity, Germany) 27TH NOV. 2002.	

Class	08-07	No.192306. SUVICHAI JANETHANA-ARTHAKIJ, AT 437 MOO 2, BANGPAKOK, RATBURANA, BANGKOK 10140, THAILAND. "KEY" 10th June 2003	
Class	06-01	No.192108. GRAMMER AG, OF WERNHER-VON-BRAUN-STR.6, D-92224 AMBERG, GERMANY, A GERMAN COMPANY. "VEHICLE SEAT" (Reciprocity, Germany) 27TH NOV. 2002.	
Class	04-02	No.191195. ANCHOR HEALTH & BEAUTY CARE PVT. LTD., PLOT NO.G-9, CROSS ROAD, "A", M.I.D.C., ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA, A PVT. LTD. COMPANY."TOOTH BRUSH" 4th February 2003.	
Class	08-07	No.192310. SUVICHAI JANETHANA-ARTHAKIJ, AT 437 MOO 2, BANGPAKOK, RATBURANA, BANGKOK 10140, THAILAND. "KEY" 10th June 2003	
Class	20-03	No.192595. TANZEEM PRINTERS PVT. LTD., A COMPANY REGISTERED IN INDIA, HAVIANG ITS REGISTERED OFFICE AT PANDURANG BUDHAKAR MARG, OFF. N.M. JOSHI MARG, BEHIND DEEPAK TALKIES, MUMBAI: -400 013, MAHARASHTRA, INDIA, "ADVERTISING DEVICE" 15th July 2003.	

Class	**08-07**	**No.192309. SUVICHAI JANETHANA-ARTHAKIJ, AT 437 MOO 2, BANGPAKOK, RATBURANA, BANGKOK 10140, THAILAND. "KEY" 10th June 2003**	
Class	**08-07**	**No.192308. SUVICHAI JANETHANA-ARTHAKIJ, AT 437 MOO 2, BANGPAKOK, RATBURANA, BANGKOK 10140, THAILAND. "KEY" 10th June 2003**	
Class	**07-04**	**No.192231. NISSAN PLAST OF SURVEY NO.655/1/B, NEAR SOMNATH CO.-OP. SOCIETY, SOMNATH ROAD, DABHEL, NANI DAMAN, DAMAN-396310, UNION TERIT-ORIES DAMAN, INDIA,"CHOPPING BOARD" 29th may 2003**	
Class	**08-07**	**No.192307. SUVICHAI JANETHANA-ARTHAKIJ, AT 437 MOO 2, BANGPAKOK, RATBURANA, BANGKOK 10140, THAILAND. "KEY" 10th June 2003**	
Class	**06-03**	**No.190290. J.G.SIROBHIN SUNDAR (J.G.-JONES GNANASIRONMONI) A 42, N.G.O. COLONY, KOTTAR POST, NAGERCOIL, TAMIL NADU: - 629002, INDIAN . "CHAIR" 25th October 2002**	

Class	31-00	No.191091. ADITYA INDUSTRIES, AN INDIAN PARTNERSHIP FIRM AND ADDRESS AT: A-3, TEJPAL INDL. ESTATE, BUILDING NO.2, A. K. ROAD, SAKINAKA, MUMBAI:-400 072, MAHARASHTRA, INDIA, "MIXER CUM GRINDER" 28th January 2003.	
Class	11-02	No.191667. BERGER PAINTS INDIA LIMITED, AN INDIAN PUBLIC LIMITED COMPANY OF "BERGER HOUSE", 129, PARK STREET, KOLKATA:- 700 017, WEST BENGAL, INDIA. "WALL ORNAMENT" 28th March 2003.	
Class	11-02	No.191665. BERGER PAINTS INDIA LIMITED, AN INDIAN PUBLIC LIMITED COMPANY OF "BERGER HOUSE", 129, PARK STREET, KOLKATA:- 700 017, WEST BENGAL, INDIA. "WALL ORNAMENT" 28th March 2003..	

Dr. S. N. MAITY
Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2003
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